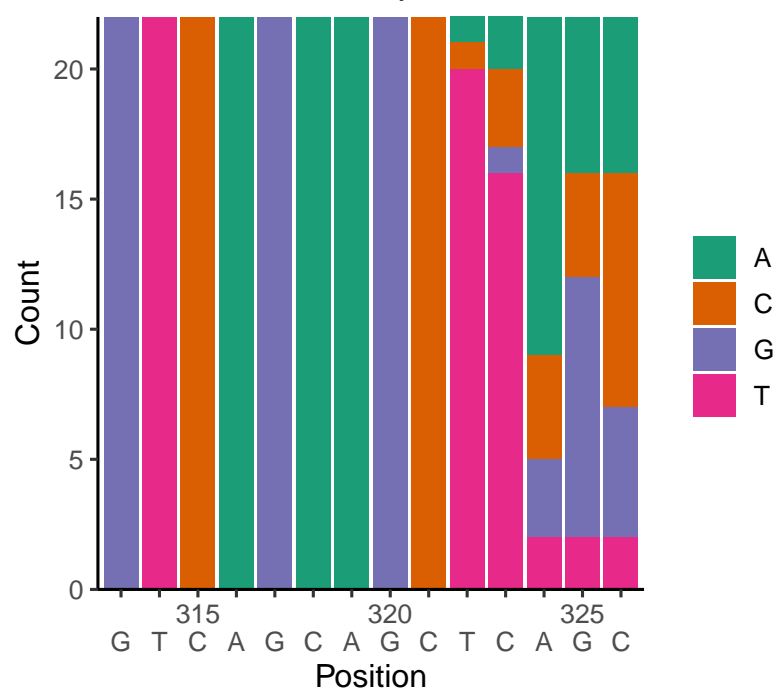
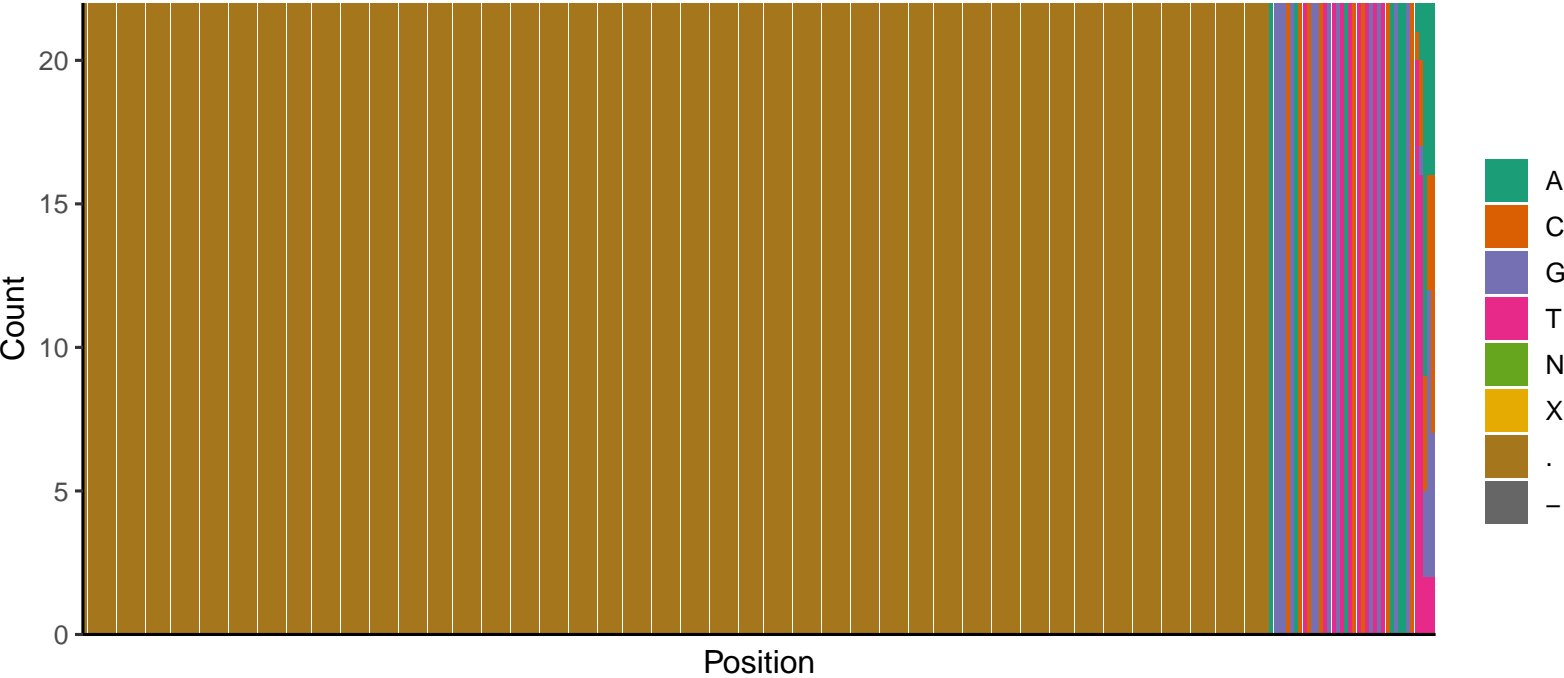


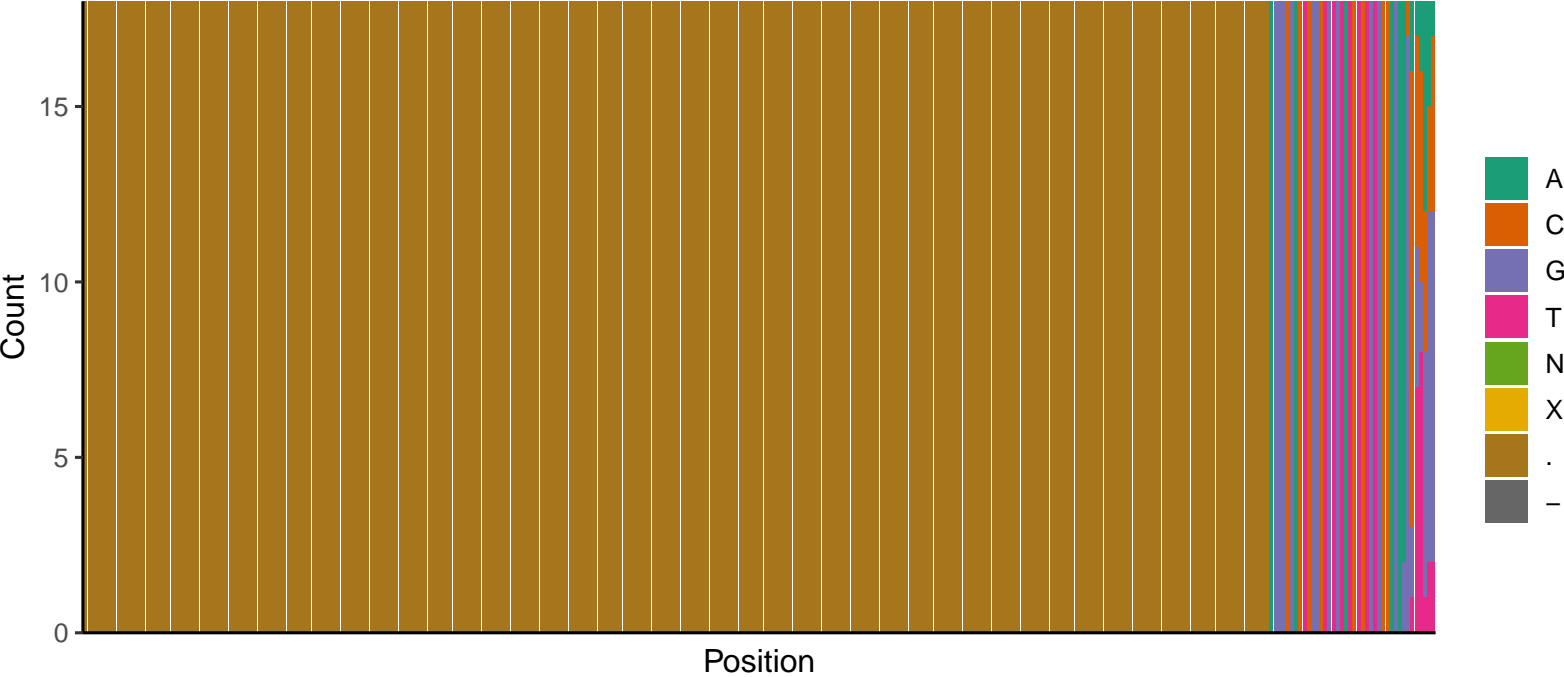
Gene TRBV7-1*ap01_G291C_T296C_C314T



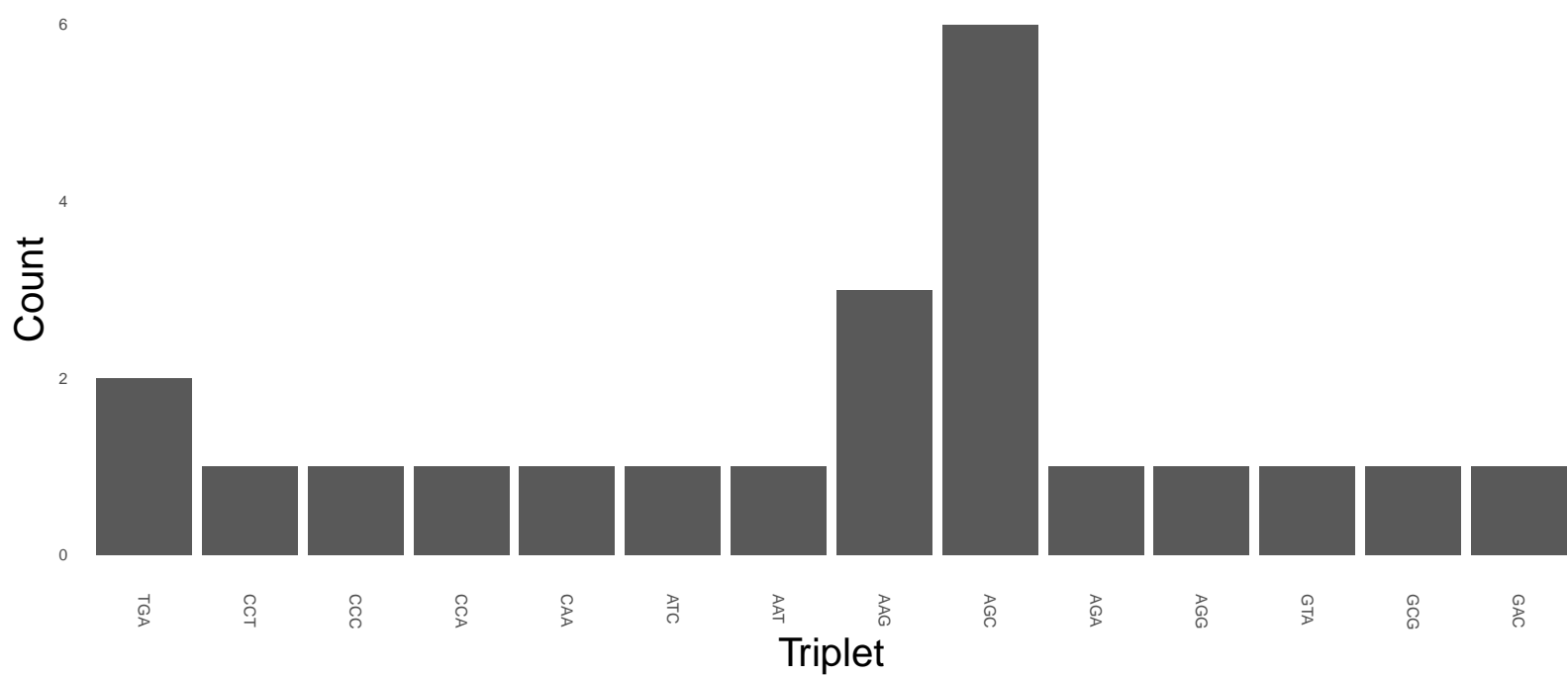
Gene TRBV7-1*ap01_G291C_T296C_C314T



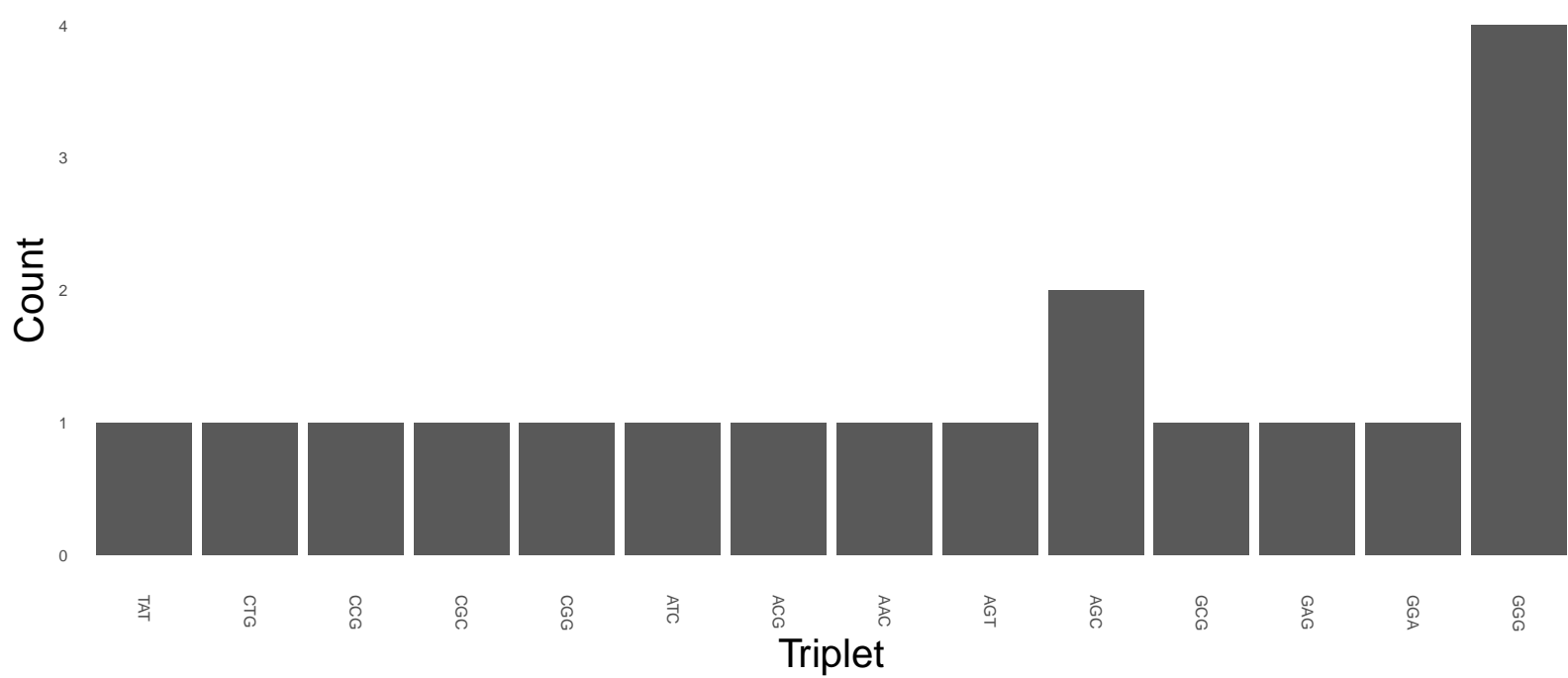
Gene TRBV7-1*ap01_G291C_T296C



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

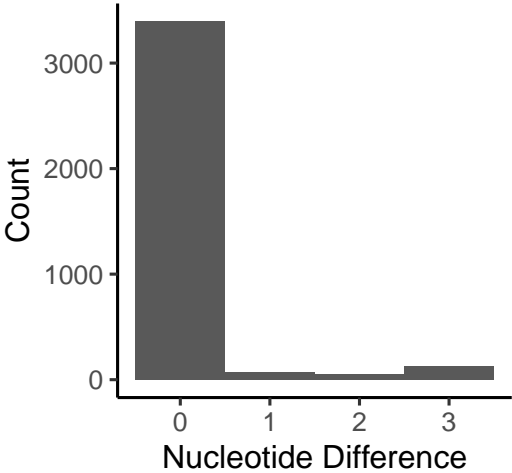


TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet



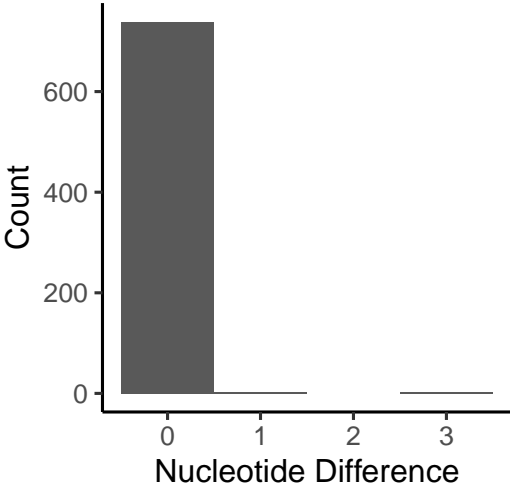
TRBV20-1*ap01

3650 sequences assigned
3395 (93%) exact matches, in which:
3344 unique CDR3
13 unique J



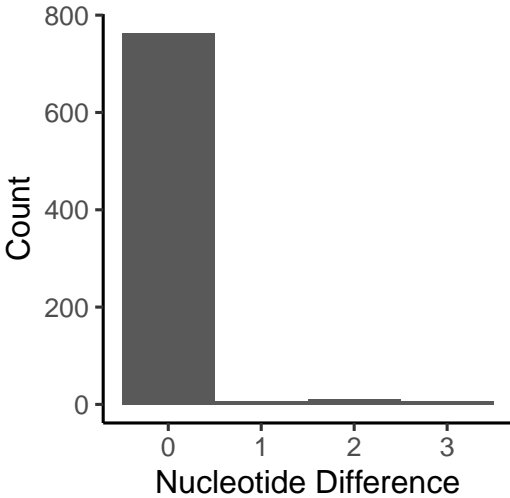
TRBV10-2*ap01

745 sequences assigned
739 (99.2%) exact matches, in which:
734 unique CDR3
13 unique J



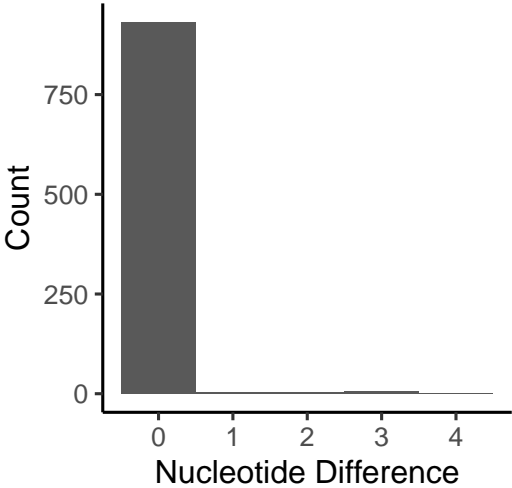
TRBV13*ap01

789 sequences assigned
764 (96.8%) exact matches, in which:
757 unique CDR3
13 unique J



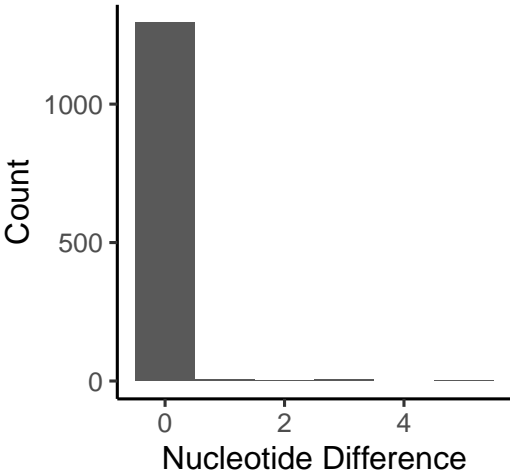
TRBV10-1*ap01

949 sequences assigned
932 (98.2%) exact matches, in which:
924 unique CDR3
13 unique J



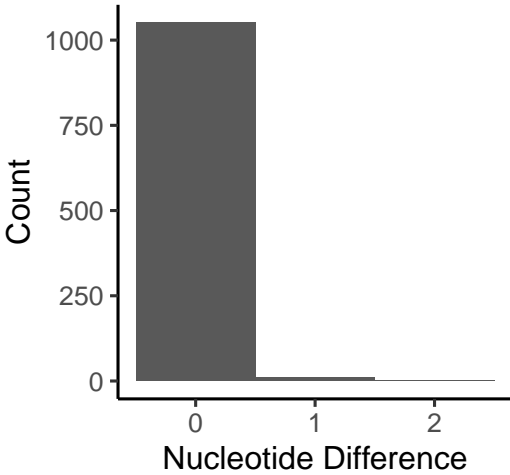
TRBV10-3*ap01

1308 sequences assigned
1294 (98.9%) exact matches, in which:
1282 unique CDR3
13 unique J



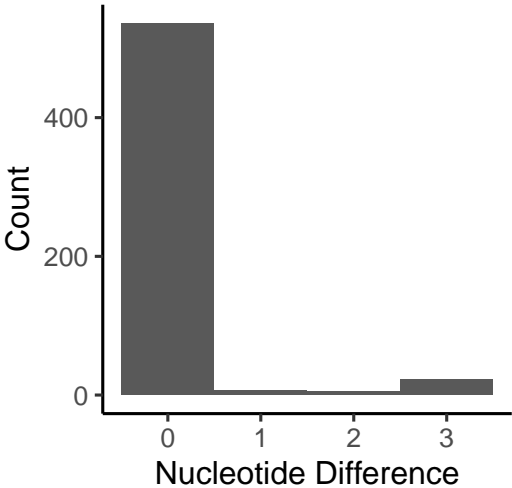
TRBV14*ap01

1062 sequences assigned
1051 (99%) exact matches, in which:
1035 unique CDR3
13 unique J



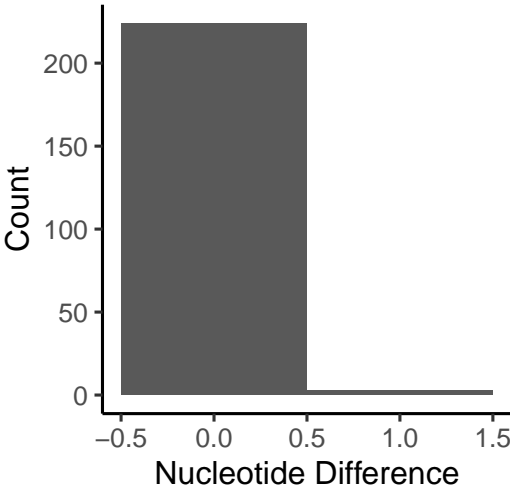
TRBV20-1*ap02

570 sequences assigned
536 (94%) exact matches, in which:
524 unique CDR3
13 unique J



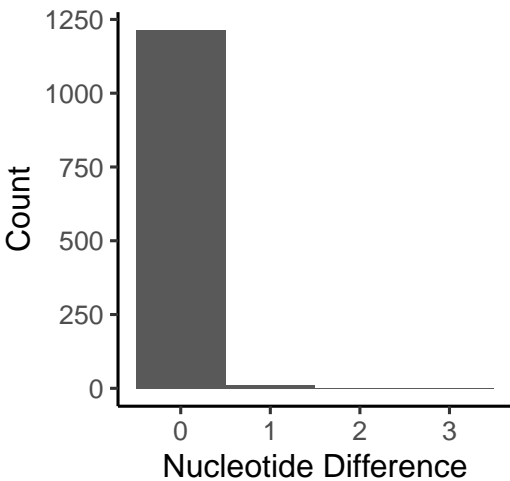
TRBV1*ap01

227 sequences assigned
224 (98.7%) exact matches, in which:
222 unique CDR3
13 unique J



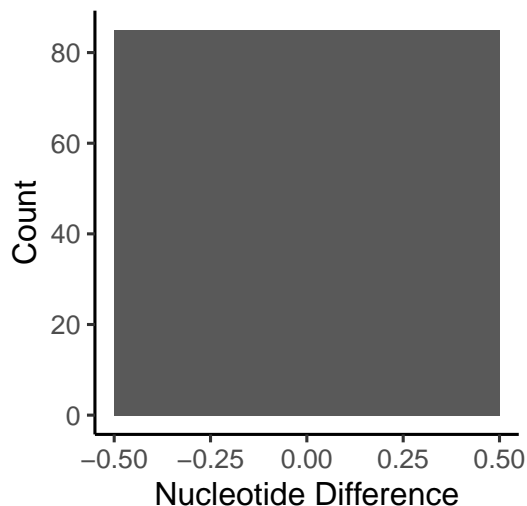
TRBV15*ap02

1228 sequences assigned
1214 (98.9%) exact matches, in which:
1189 unique CDR3
13 unique J



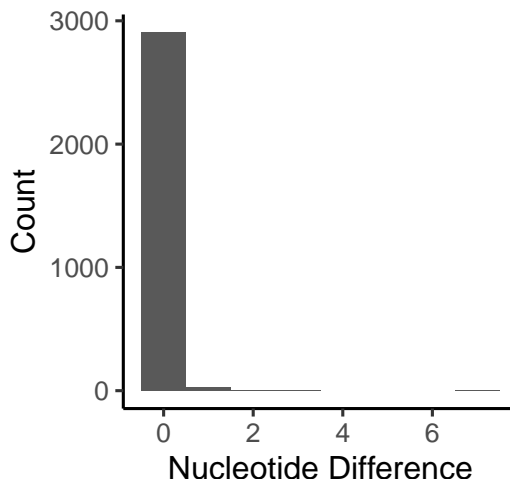
TRBV16*ap01

85 sequences assigned
85 (100%) exact matches, in which:
83 unique CDR3
13 unique J



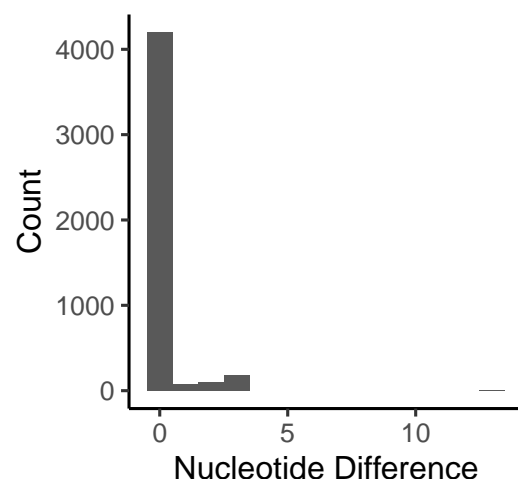
TRBV2*ap01

2947 sequences assigned
2906 (98.6%) exact matches, in which:
2874 unique CDR3
13 unique J



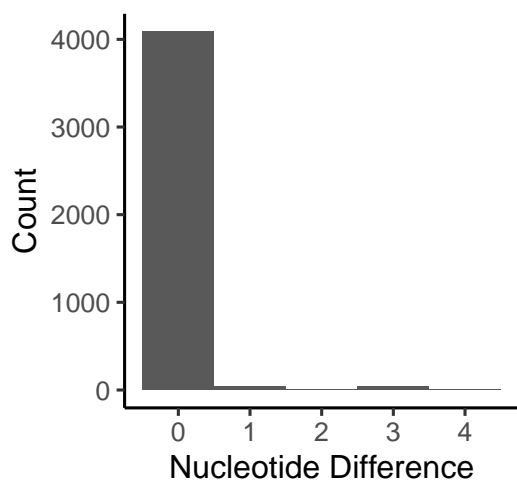
TRBV30*ap01

4557 sequences assigned
4198 (92.1%) exact matches, in which:
4118 unique CDR3
13 unique J



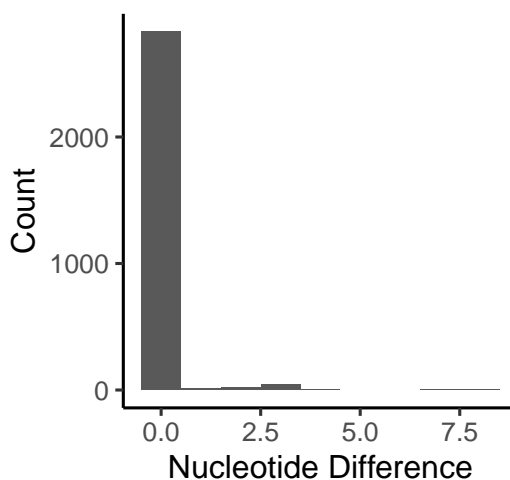
TRBV18*ap01

4176 sequences assigned
4087 (97.9%) exact matches, in which:
3994 unique CDR3
13 unique J



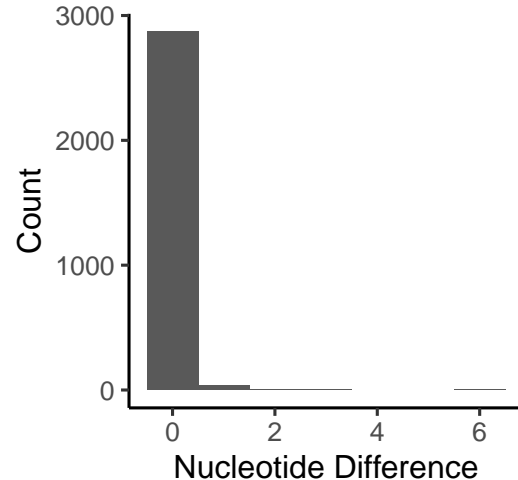
TRBV27*ap01

2909 sequences assigned
2832 (97.4%) exact matches, in which:
2804 unique CDR3
13 unique J



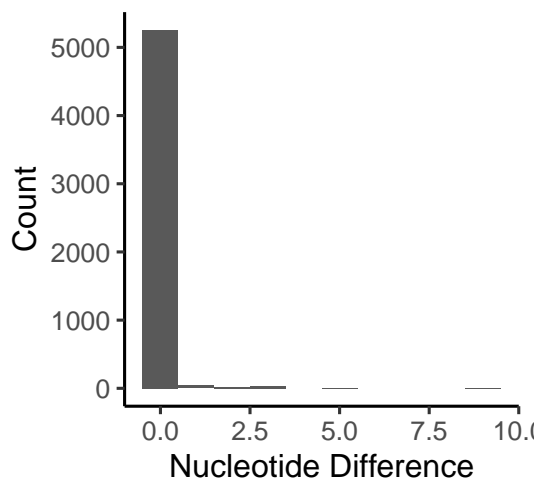
TRBV9*ap01

2914 sequences assigned
2870 (98.5%) exact matches, in which:
2807 unique CDR3
13 unique J



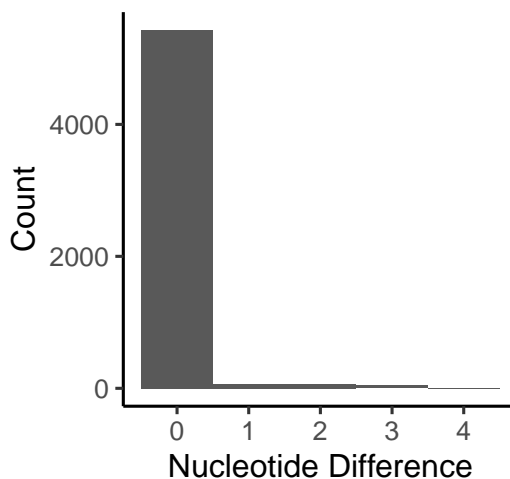
TRBV19*ap01

5359 sequences assigned
5254 (98%) exact matches, in which:
5199 unique CDR3
13 unique J



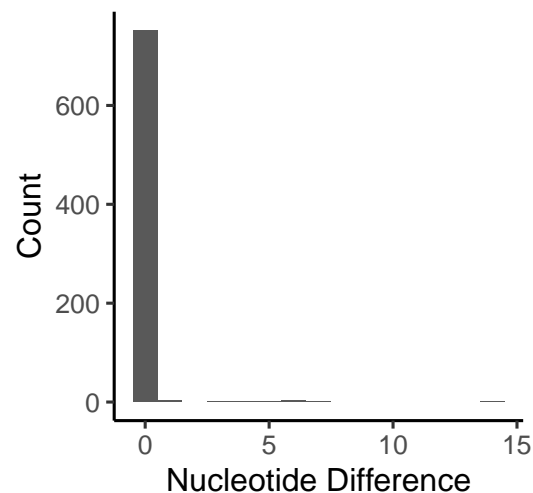
TRBV28*ap01

5606 sequences assigned
5430 (96.9%) exact matches, in which:
5345 unique CDR3
13 unique J



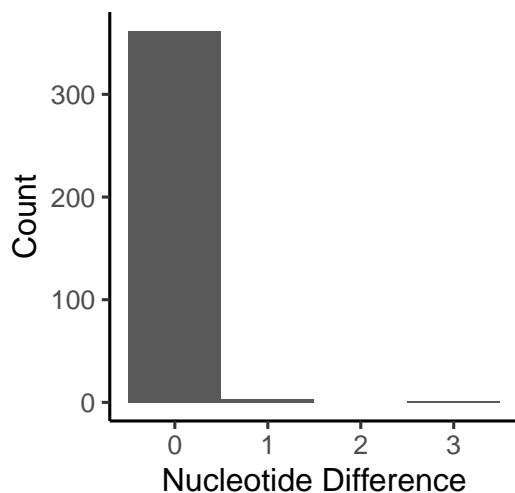
TRBV21-1*ap01

766 sequences assigned
752 (98.2%) exact matches, in which:
750 unique CDR3
13 unique J



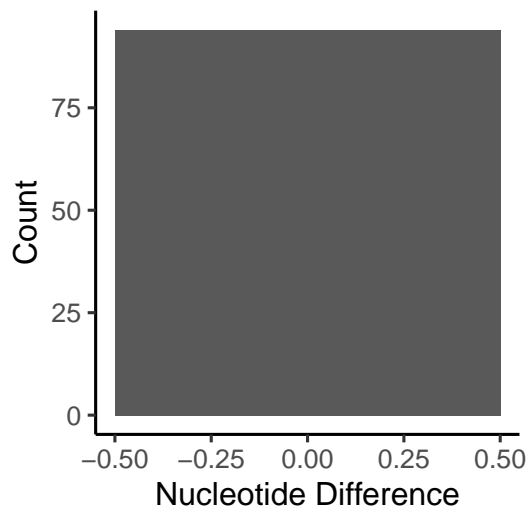
TRBV11-1*ap01

366 sequences assigned
362 (98.9%) exact matches, in which:
358 unique CDR3
13 unique J



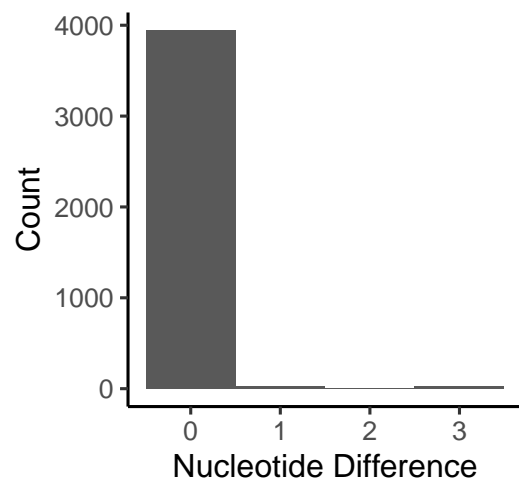
TRBV12-1*ap01

94 sequences assigned
94 (100%) exact matches, in which:
92 unique CDR3
13 unique J



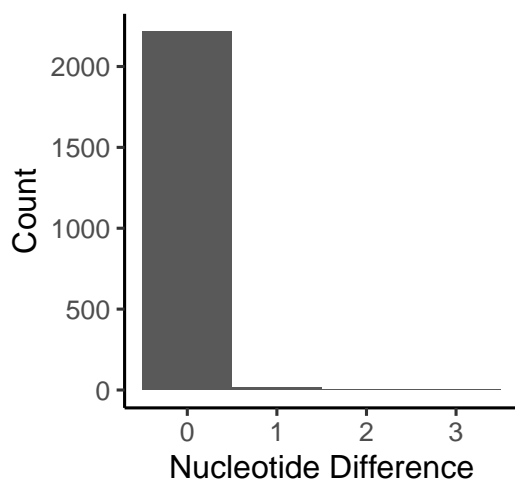
TRBV12-34*ap01

4003 sequences assigned
3943 (98.5%) exact matches, in which:
3909 unique CDR3
13 unique J



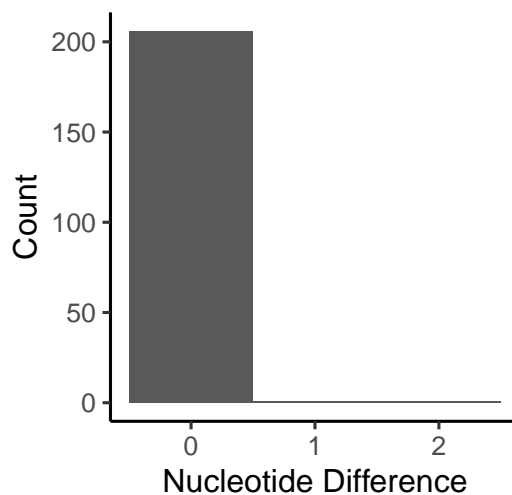
TRBV11-2*ap01

2237 sequences assigned
2215 (99%) exact matches, in which:
2191 unique CDR3
13 unique J



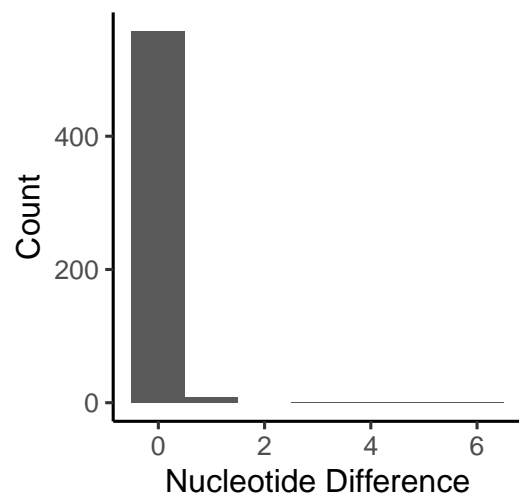
TRBV12-2*ap01

208 sequences assigned
206 (99%) exact matches, in which:
206 unique CDR3
13 unique J



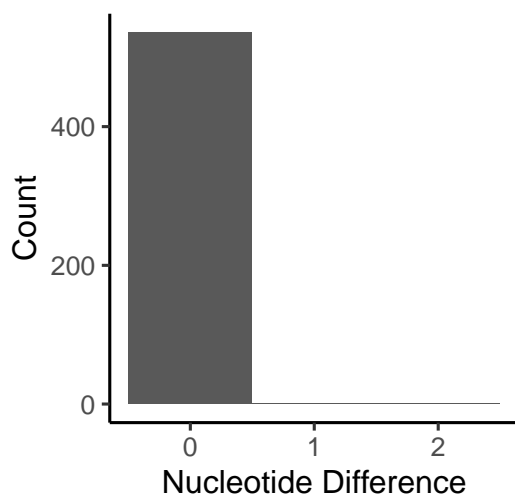
TRBV23-1*ap01

570 sequences assigned
558 (97.9%) exact matches, in which:
554 unique CDR3
13 unique J



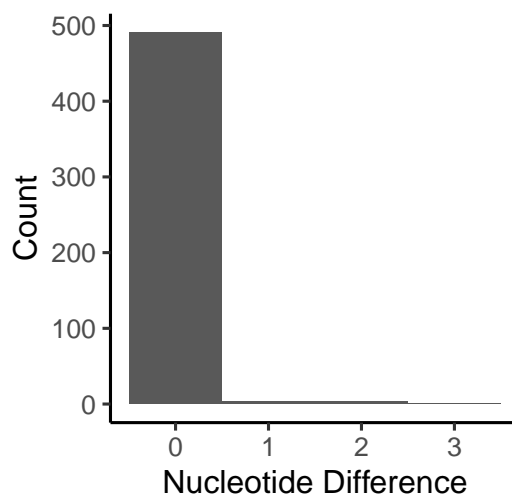
TRBV11-3*ap01

538 sequences assigned
536 (99.6%) exact matches, in which:
532 unique CDR3
13 unique J



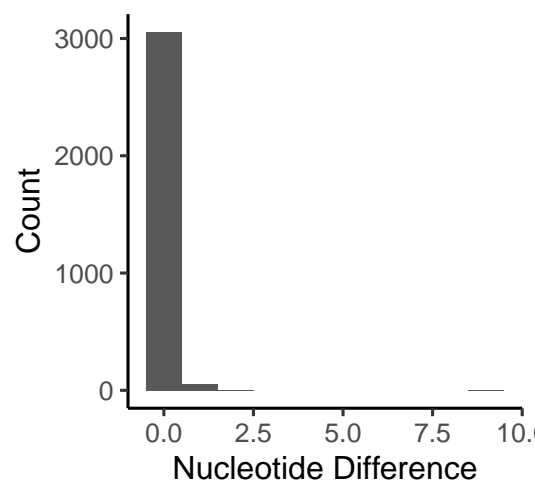
TRBV12-5*ap01

498 sequences assigned
491 (98.6%) exact matches, in which:
490 unique CDR3
13 unique J



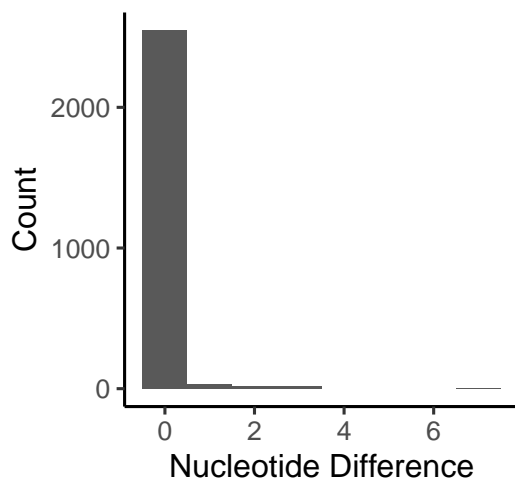
TRBV3-12*ap01

3113 sequences assigned
3055 (98.1%) exact matches, in which:
3008 unique CDR3
13 unique J



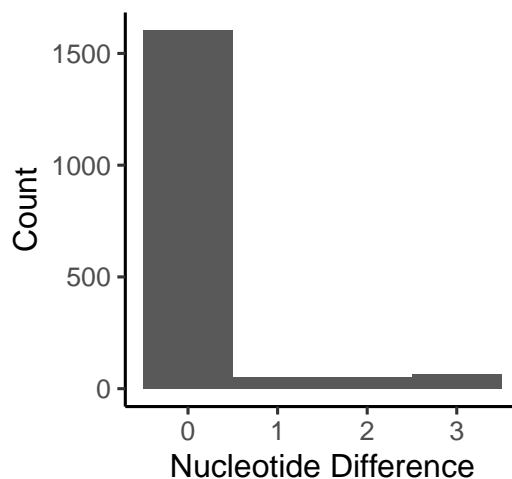
TRBV4-1*ap01

2622 sequences assigned
2547 (97.1%) exact matches, in which:
2506 unique CDR3
13 unique J



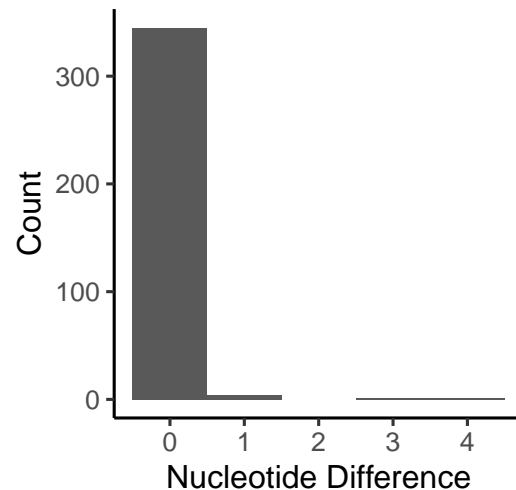
TRBV4-3*ap01

1766 sequences assigned
1603 (90.8%) exact matches, in which:
1576 unique CDR3
13 unique J



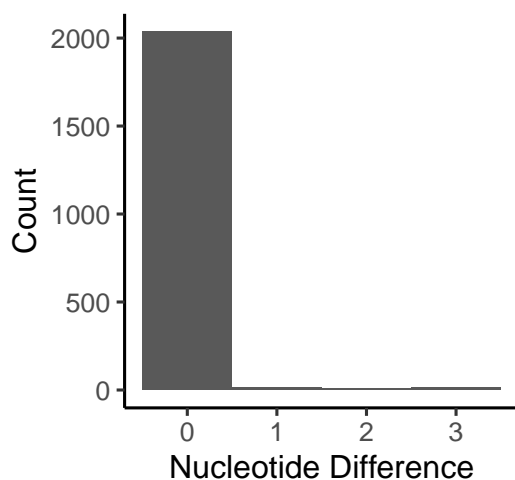
TRBV5-3*ap01

351 sequences assigned
345 (98.3%) exact matches, in which:
338 unique CDR3
12 unique J



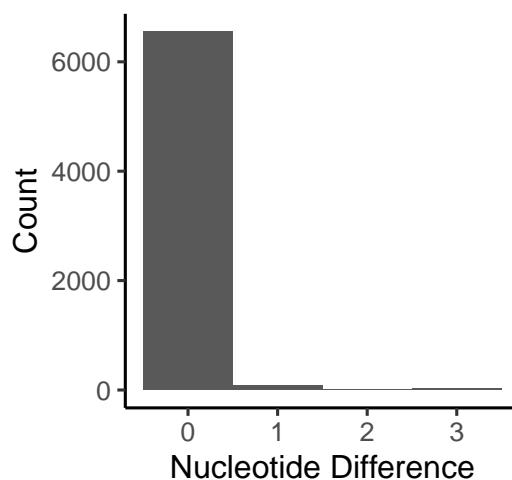
TRBV24-1*ap01

2073 sequences assigned
2036 (98.2%) exact matches, in which:
2007 unique CDR3
13 unique J



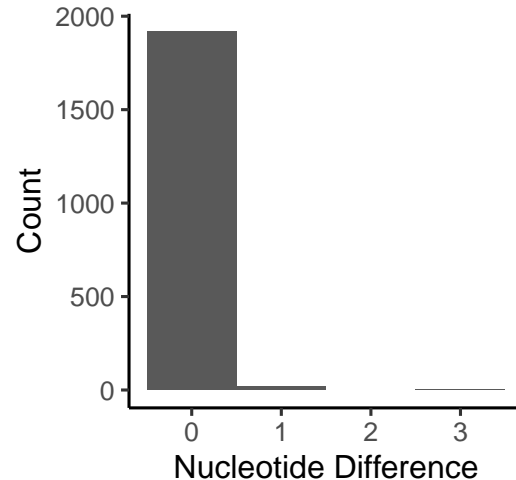
TRBV5-1*ap01

6677 sequences assigned
6550 (98.1%) exact matches, in which:
6439 unique CDR3
13 unique J



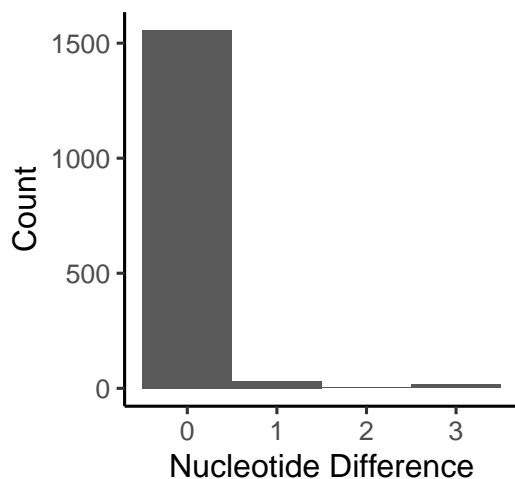
TRBV5-4*ap01

1941 sequences assigned
1917 (98.8%) exact matches, in which:
1894 unique CDR3
13 unique J



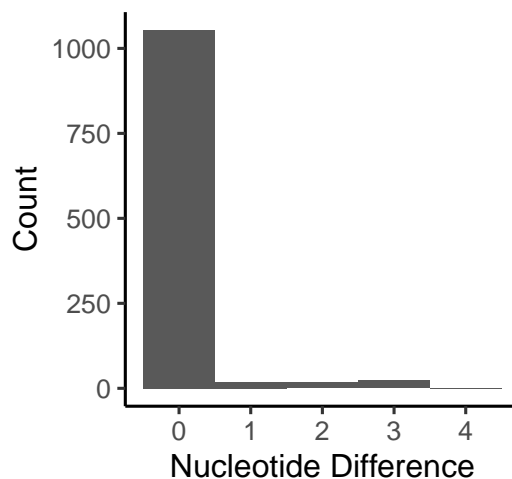
TRBV4-2*ap01

1609 sequences assigned
1557 (96.8%) exact matches, in which:
1536 unique CDR3
13 unique J



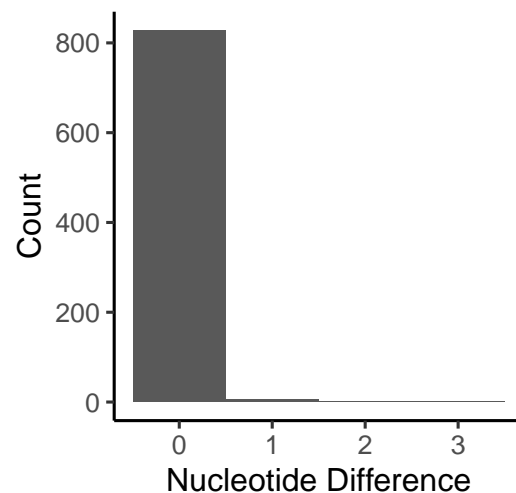
TRBV25-1*ap01

1114 sequences assigned
1054 (94.6%) exact matches, in which:
1040 unique CDR3
13 unique J



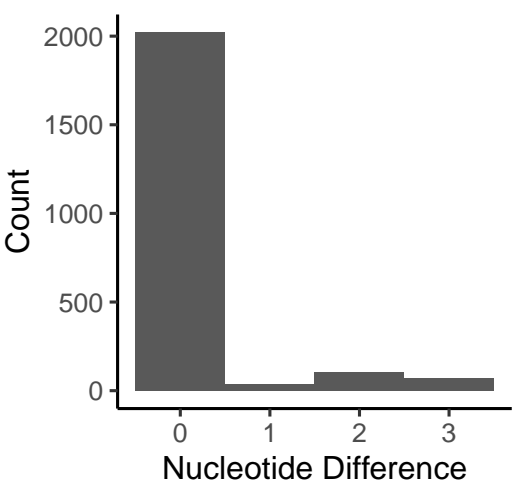
TRBV5-5*ap01

836 sequences assigned
828 (99%) exact matches, in which:
818 unique CDR3
13 unique J



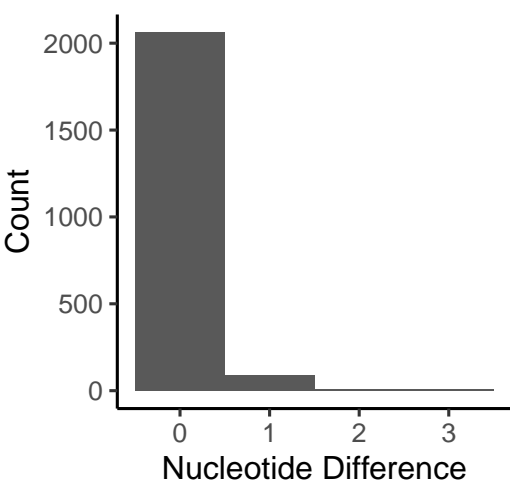
TRBV5-6*ap01

2229 sequences assigned
2021 (90.7%) exact matches, in which:
1983 unique CDR3
13 unique J



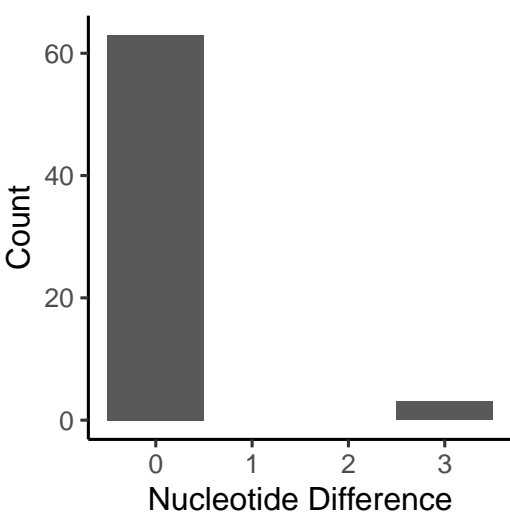
TRBV6-1*ap01

2170 sequences assigned
2062 (95%) exact matches, in which:
2030 unique CDR3
13 unique J



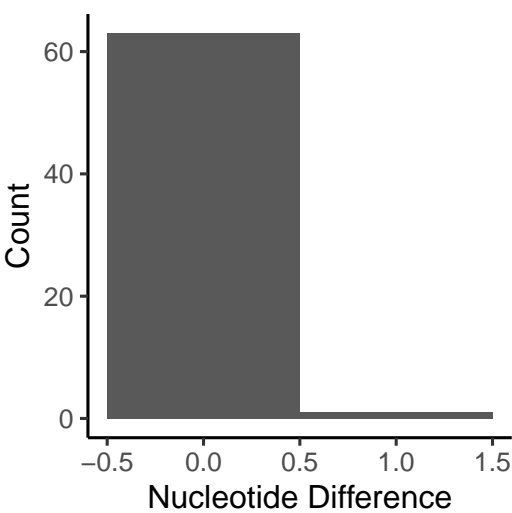
TRBV6-8*ap01

66 sequences assigned
63 (95.5%) exact matches, in which:
62 unique CDR3
13 unique J



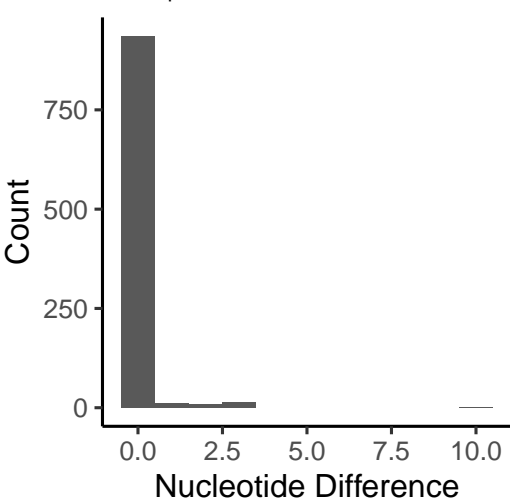
TRBV5-7*ap01

64 sequences assigned
63 (98.4%) exact matches, in which:
60 unique CDR3
13 unique J



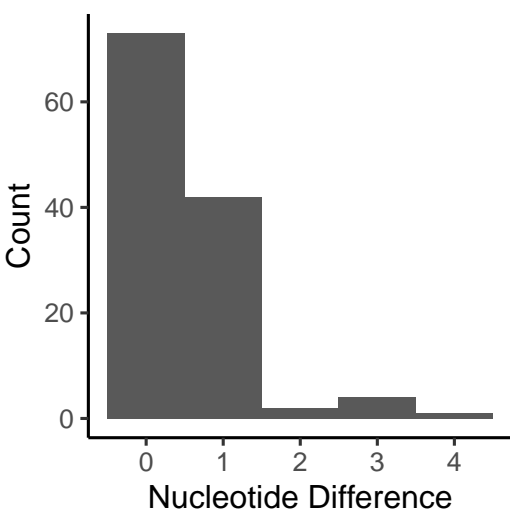
TRBV6-4*ap01

972 sequences assigned
936 (96.3%) exact matches, in which:
930 unique CDR3
13 unique J



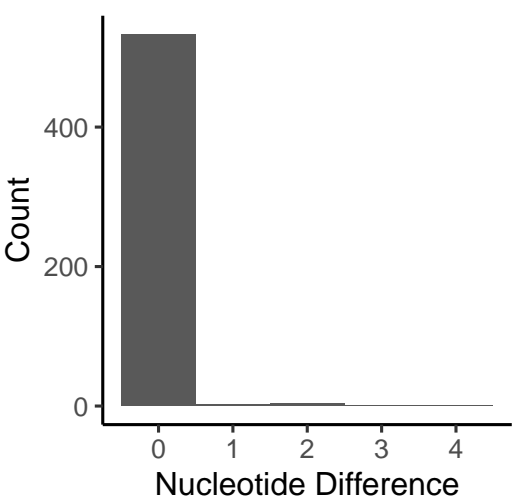
TRBV6-9*ap01

122 sequences assigned
73 (59.8%) exact matches, in which:
72 unique CDR3
12 unique J



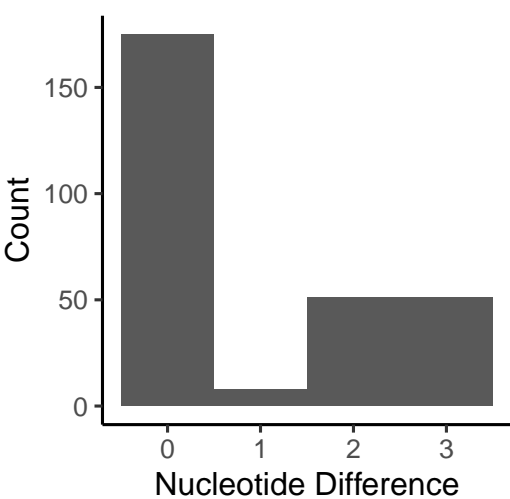
TRBV5-8*ap01

541 sequences assigned
533 (98.5%) exact matches, in which:
531 unique CDR3
13 unique J



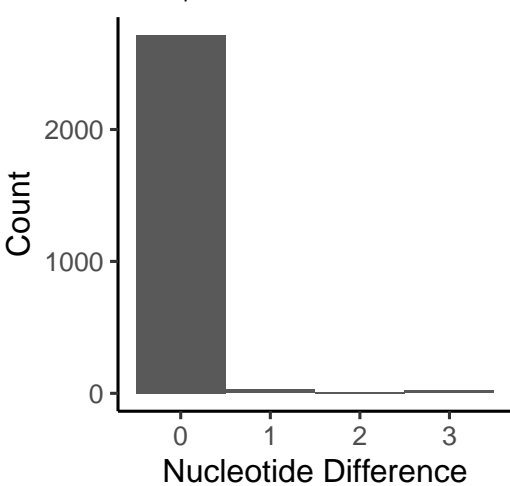
TRBV6-7*ap01

285 sequences assigned
175 (61.4%) exact matches, in which:
172 unique CDR3
13 unique J



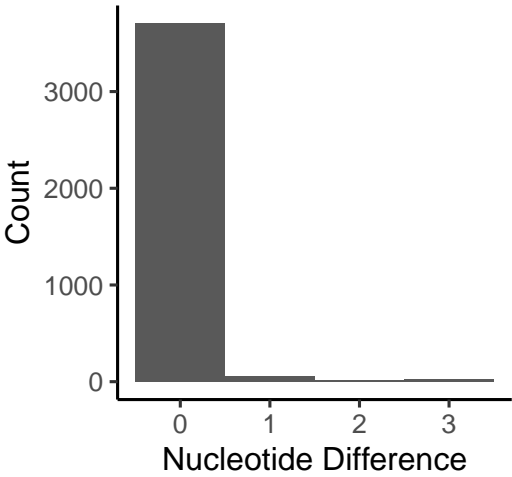
TRBV6-23*ap01

2772 sequences assigned
2716 (98%) exact matches, in which:
2673 unique CDR3
13 unique J



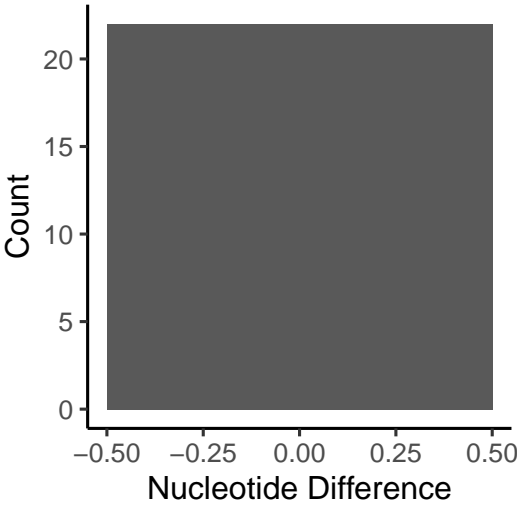
TRBV6-56*ap01

3795 sequences assigned
3705 (97.6%) exact matches, in which:
3631 unique CDR3
13 unique J



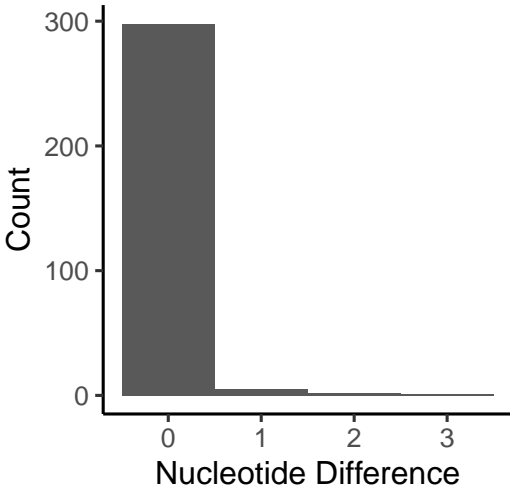
TRBV7-1*ap01_G291C_T

22 sequences assigned
22 (100%) exact matches, in which:
22 unique CDR3
8 unique J



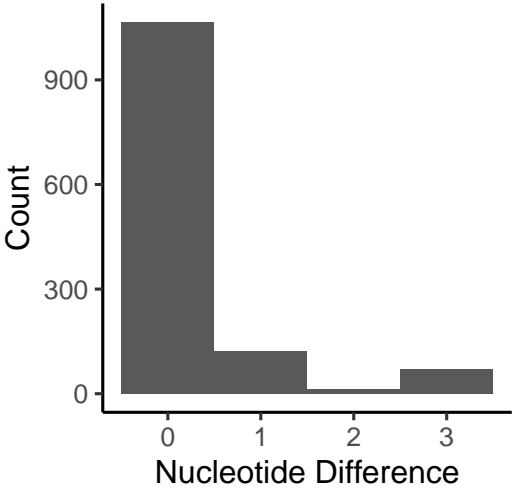
TRBV7-3*ap03

306 sequences assigned
298 (97.4%) exact matches, in which:
294 unique CDR3
13 unique J



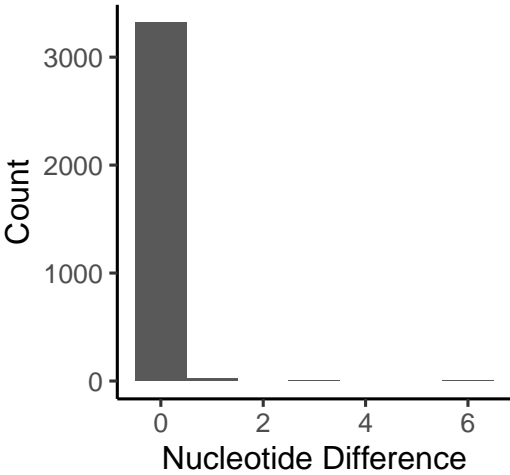
TRBV6-56*ap02

1272 sequences assigned
1066 (83.8%) exact matches, in which:
1042 unique CDR3
13 unique J



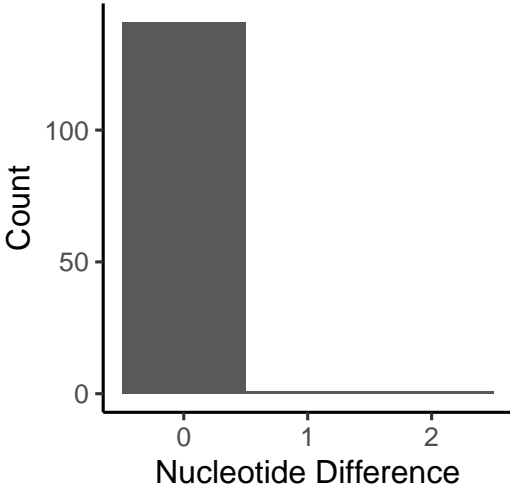
TRBV7-2*ap01

3341 sequences assigned
3319 (99.3%) exact matches, in which:
3289 unique CDR3
13 unique J



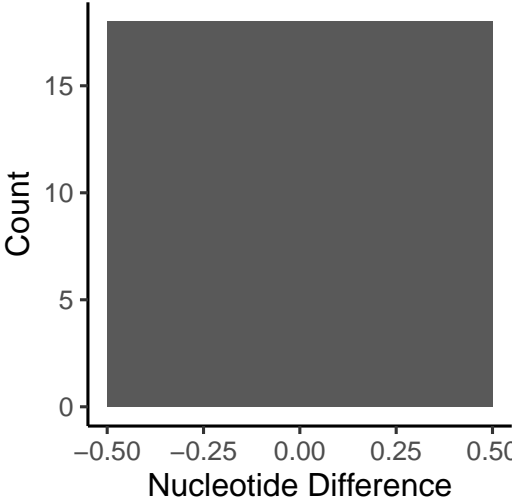
TRBV7-4*ap01

143 sequences assigned
141 (98.6%) exact matches, in which:
139 unique CDR3
13 unique J



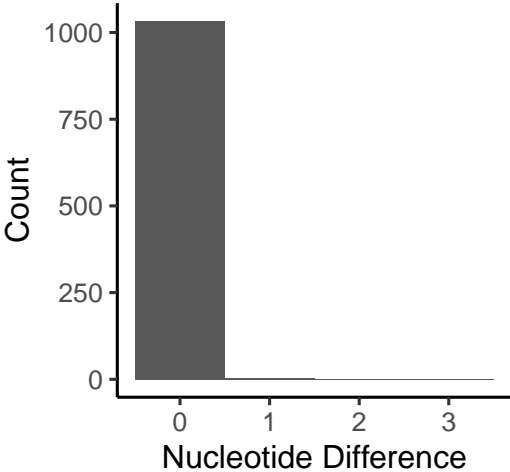
TRBV7-1*ap01_G291C_T

18 sequences assigned
18 (100%) exact matches, in which:
18 unique CDR3
6 unique J



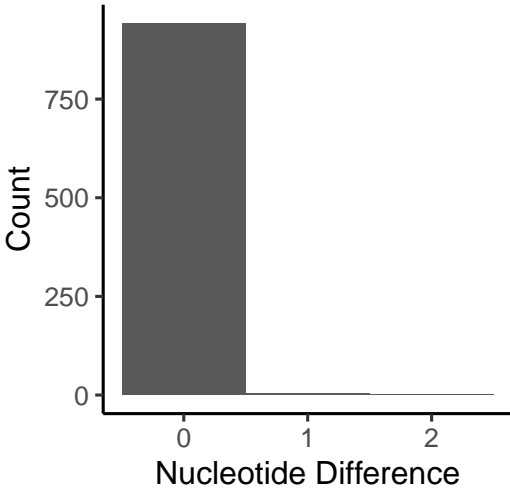
TRBV7-3*ap01

1038 sequences assigned
1033 (99.5%) exact matches, in which:
1025 unique CDR3
13 unique J



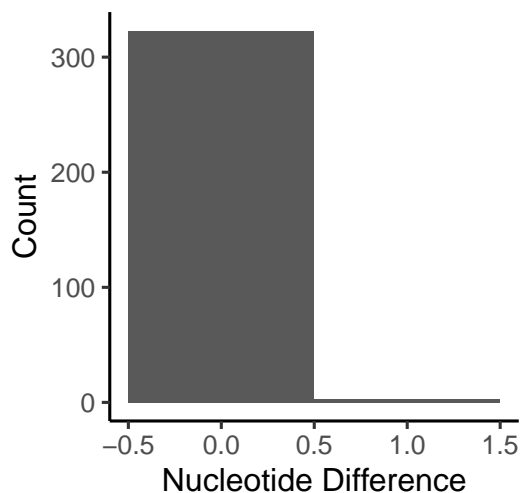
TRBV7-6*ap01

946 sequences assigned
942 (99.6%) exact matches, in which:
927 unique CDR3
13 unique J



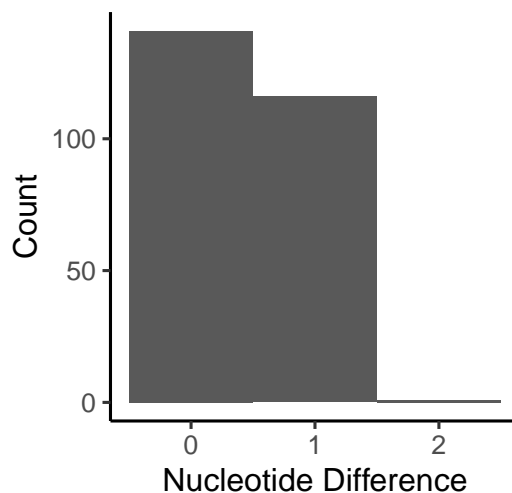
TRBV7-7*ap01

326 sequences assigned
323 (99.1%) exact matches, in which:
318 unique CDR3
13 unique J



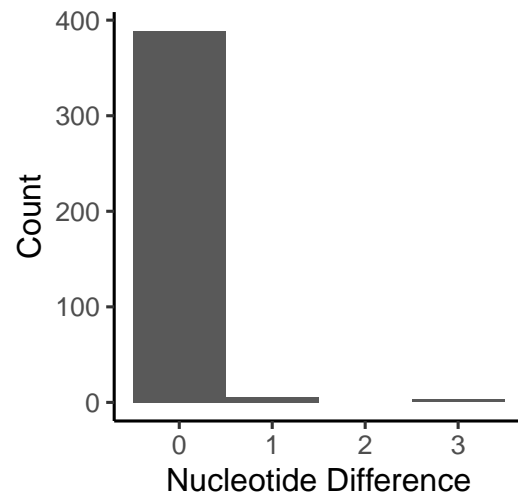
TRBV7-8*ap03

258 sequences assigned
141 (54.7%) exact matches, in which:
141 unique CDR3
12 unique J



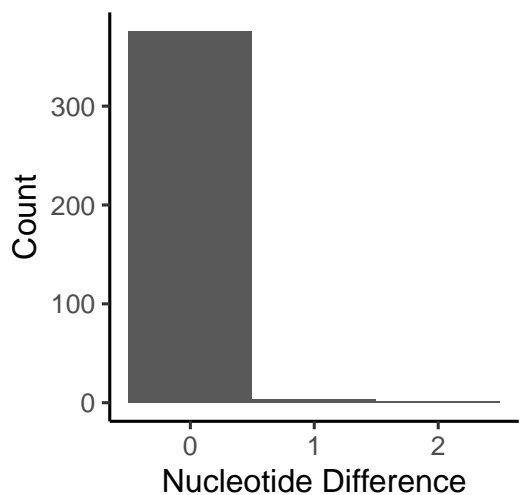
TRBV29-1*ap02

398 sequences assigned
389 (97.7%) exact matches, in which:
383 unique CDR3
13 unique J



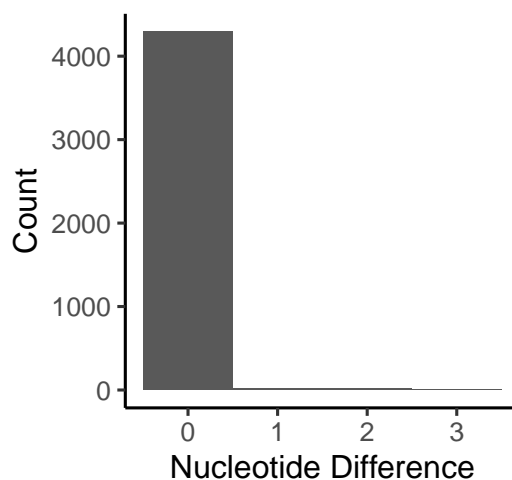
TRBV7-8*ap01

382 sequences assigned
376 (98.4%) exact matches, in which:
373 unique CDR3
13 unique J



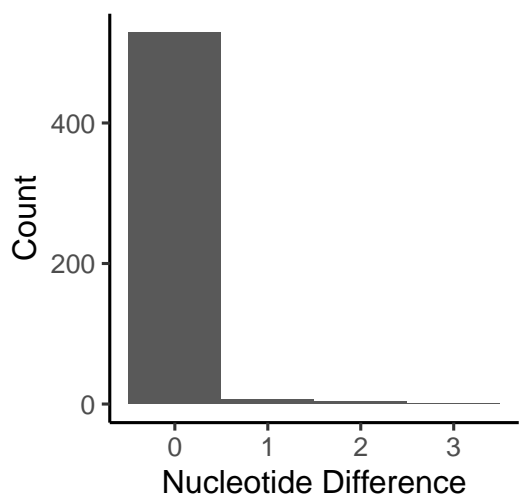
TRBV7-9*ap01

4336 sequences assigned
4293 (99%) exact matches, in which:
4229 unique CDR3
13 unique J



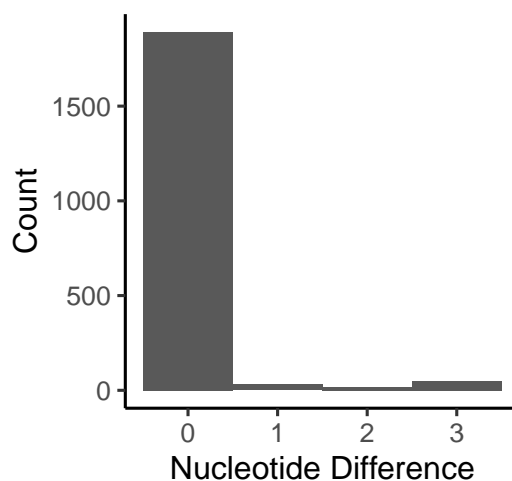
TRBV7-8*ap02

540 sequences assigned
529 (98%) exact matches, in which:
520 unique CDR3
13 unique J

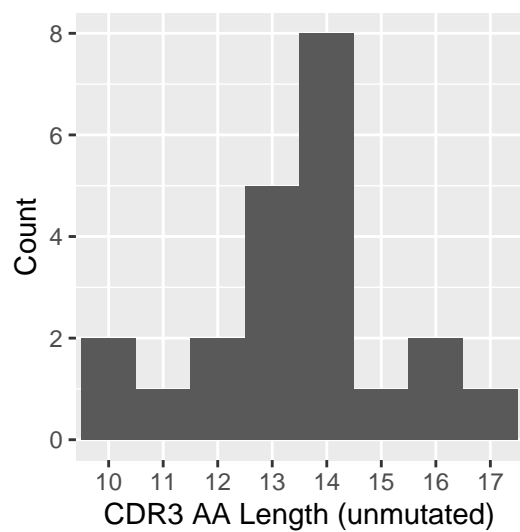


TRBV29-1*ap01

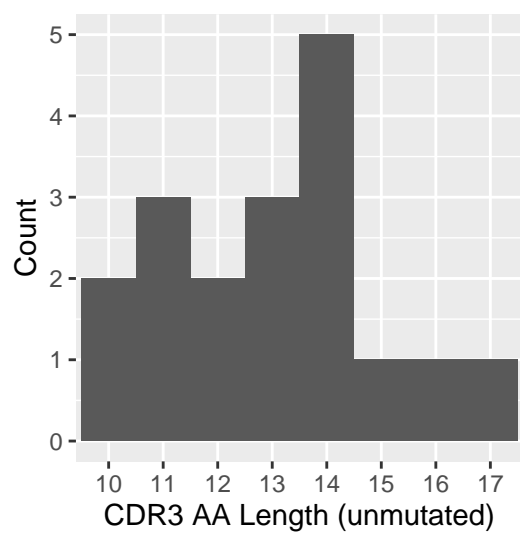
1989 sequences assigned
1891 (95.1%) exact matches, in which:
1850 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C





[illegible]