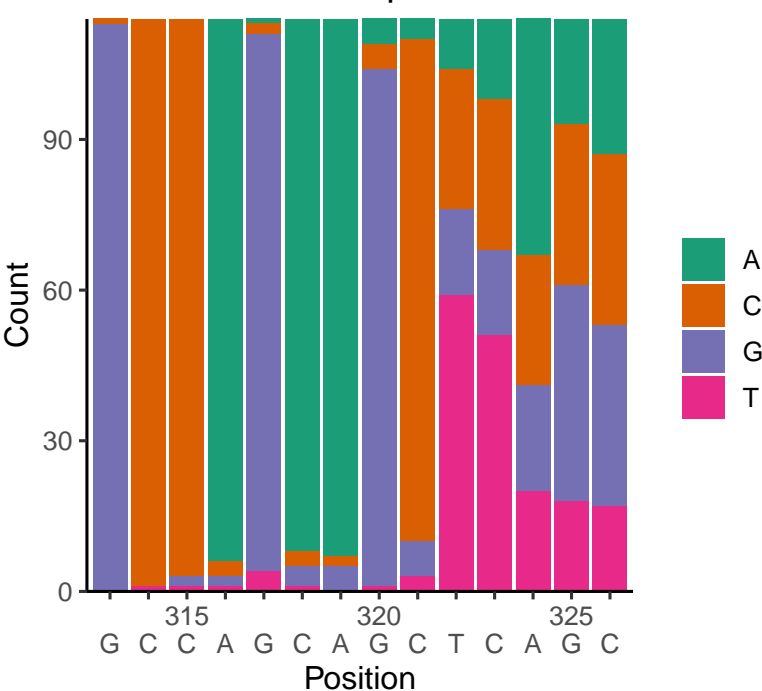
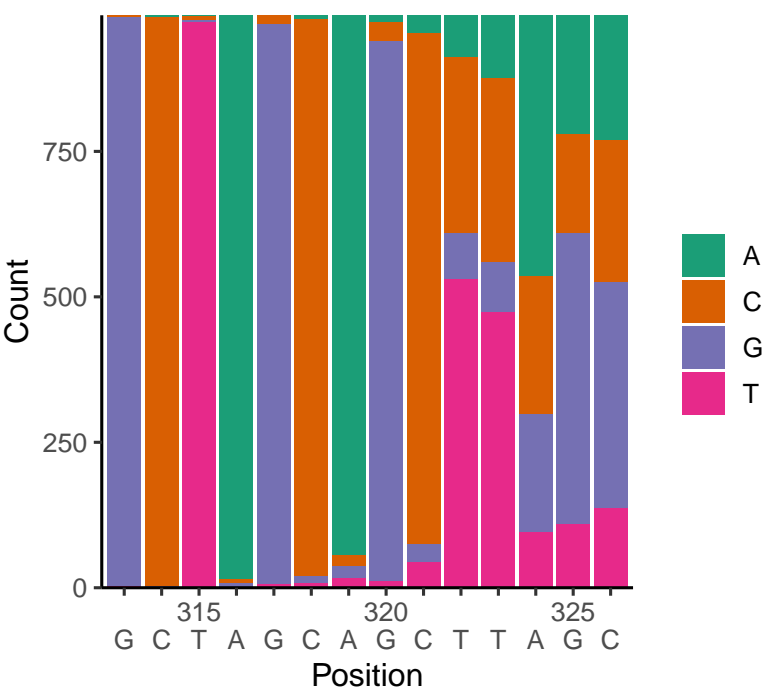


Gene TRBV7-1*ap01_G291C_T296C



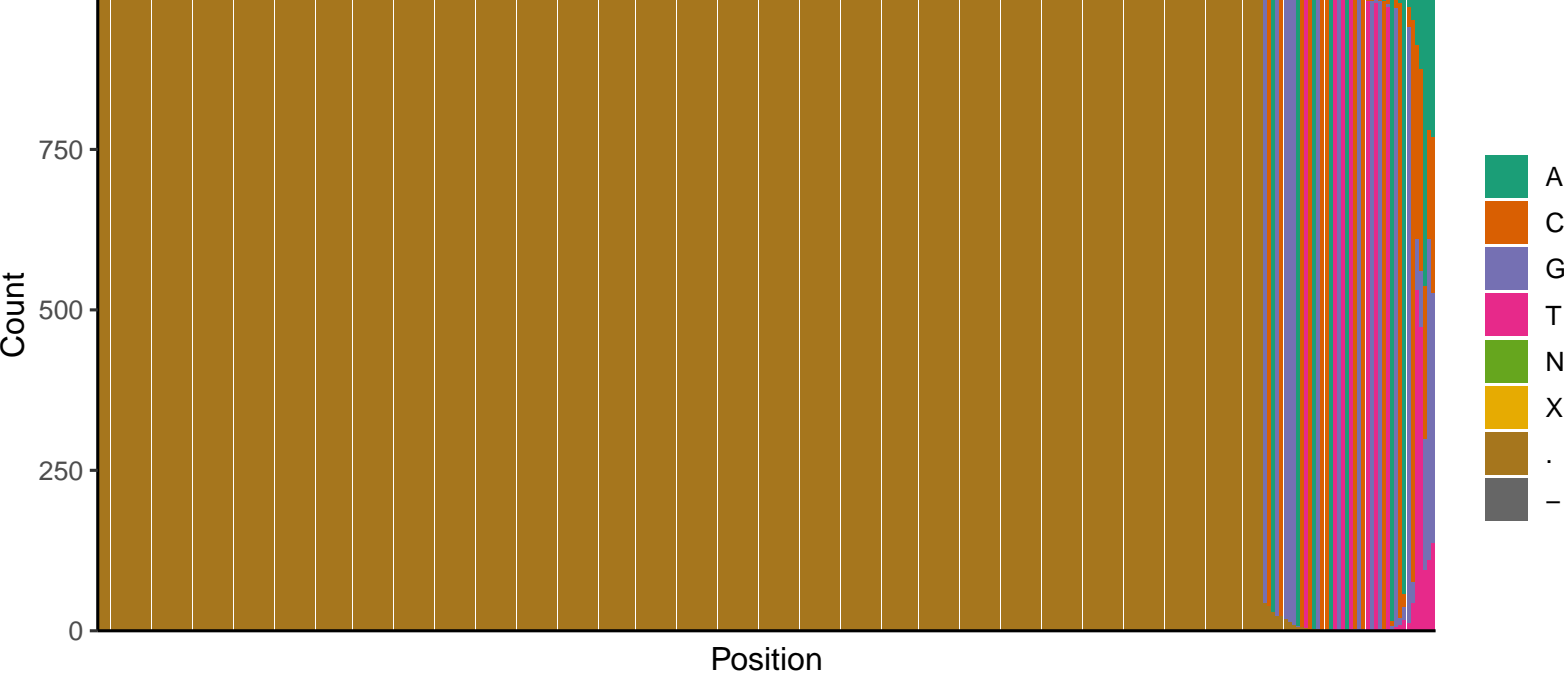
Gene TRBV7-7*ap01_C315T



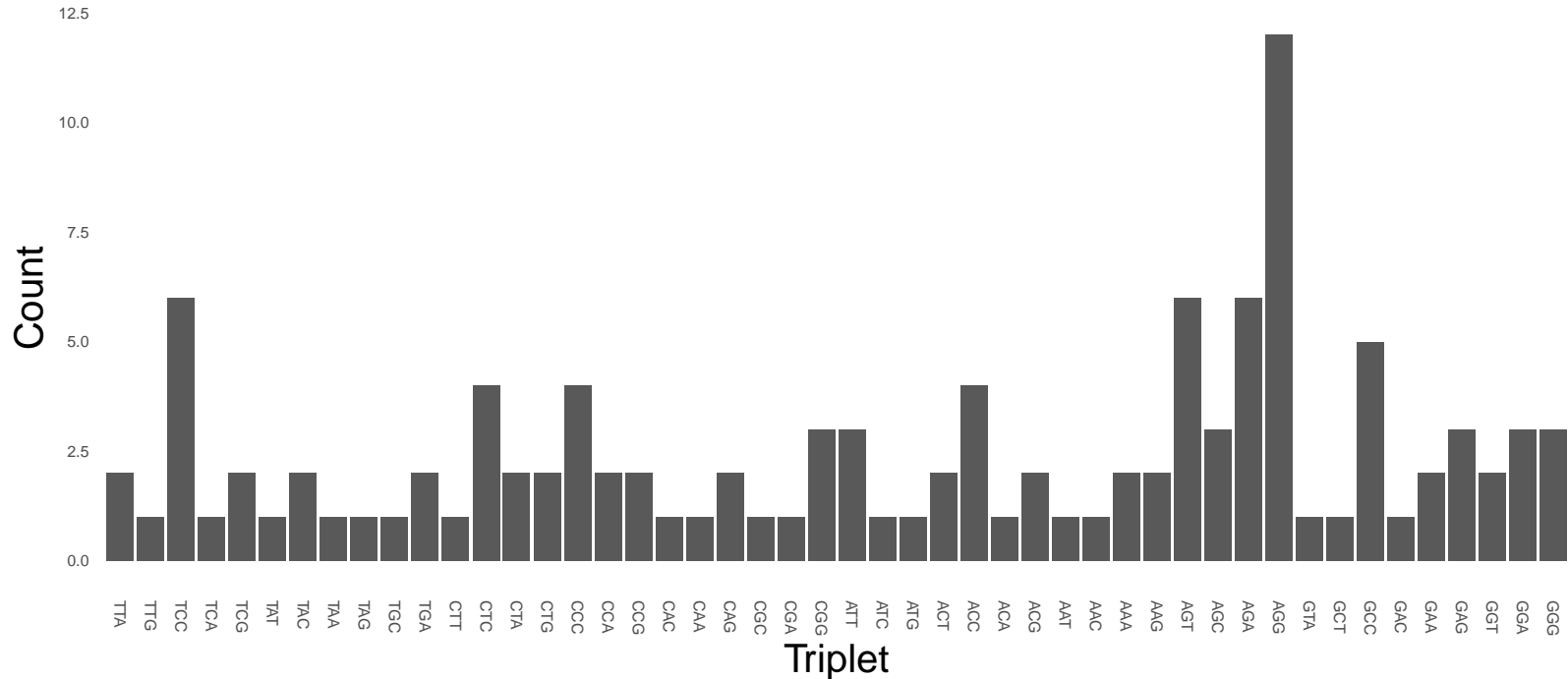
Gene TRBV7-1*ap01_G291C_T296C



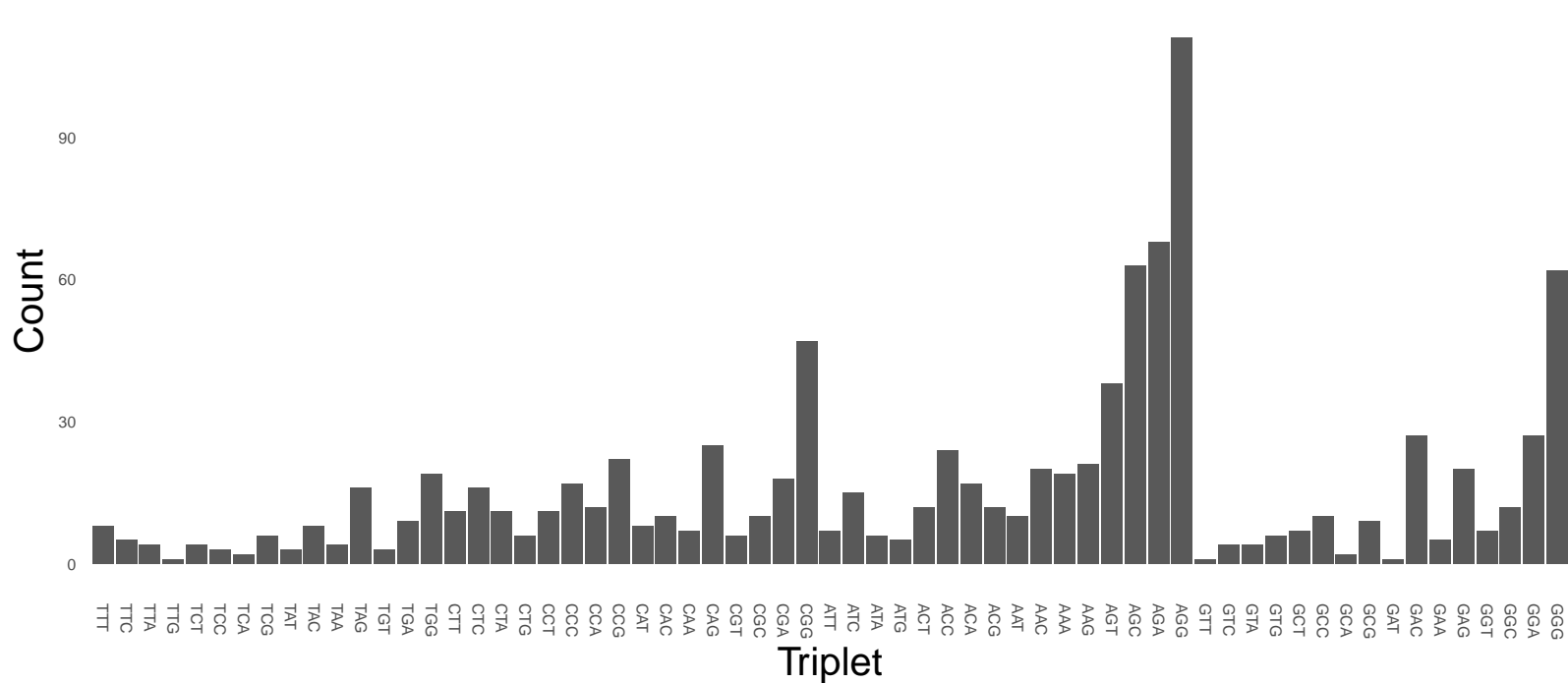
Gene TRBV7-7*ap01_C315T



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

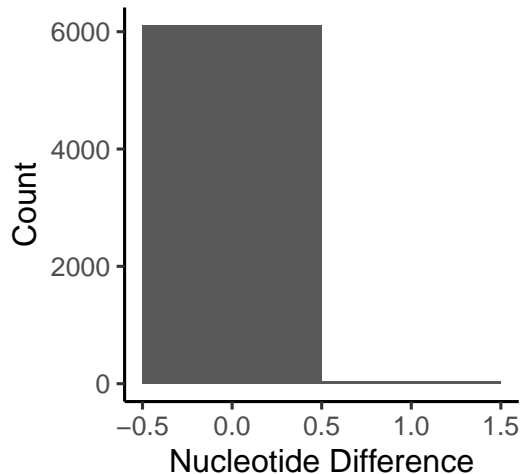


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



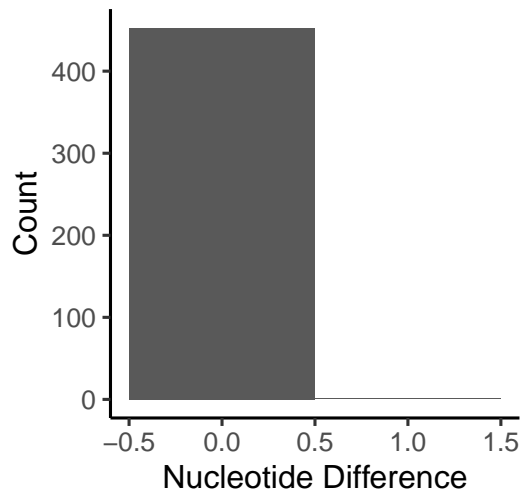
TRBV20-1*ap01

6150 sequences assigned
6107 (99.3%) exact matches, in which:
6038 unique CDR3
13 unique J



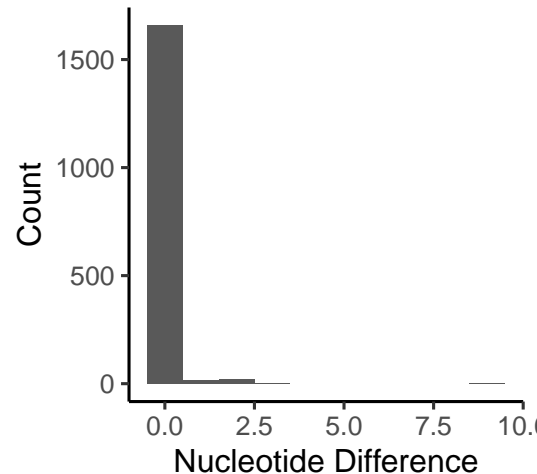
TRBV10-2*ap01

454 sequences assigned
453 (99.8%) exact matches, in which:
449 unique CDR3
13 unique J



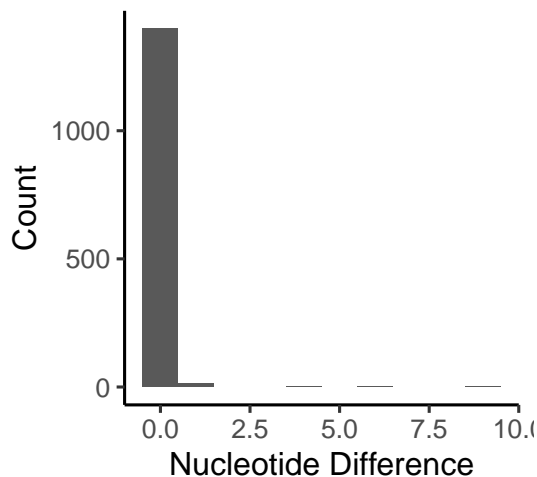
TRBV13*ap01

1697 sequences assigned
1658 (97.7%) exact matches, in which:
1632 unique CDR3
13 unique J



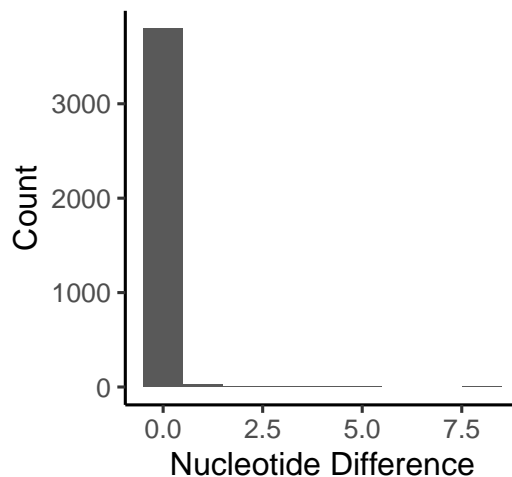
TRBV10-1*ap01

1417 sequences assigned
1398 (98.7%) exact matches, in which:
1382 unique CDR3
13 unique J



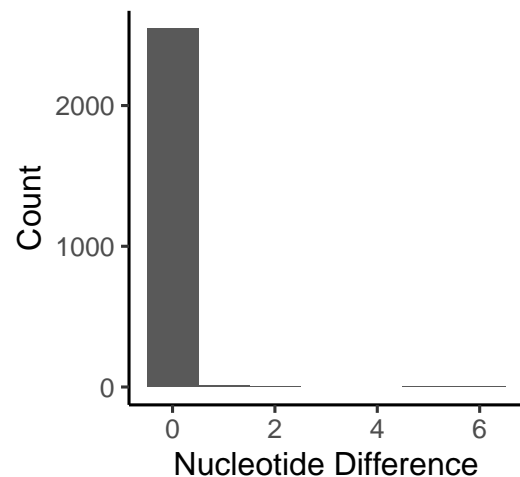
TRBV10-3*ap01

3829 sequences assigned
3795 (99.1%) exact matches, in which:
3757 unique CDR3
13 unique J



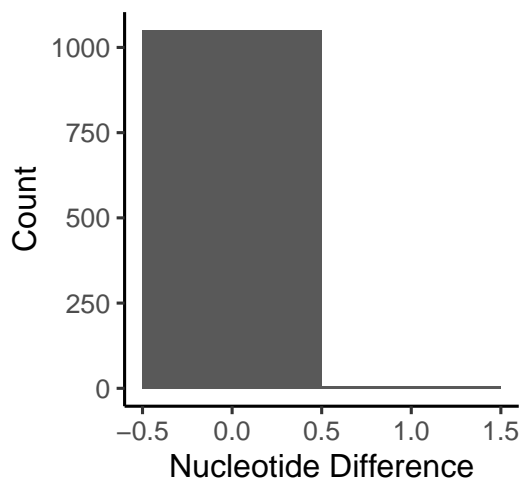
TRBV14*ap01

2563 sequences assigned
2546 (99.3%) exact matches, in which:
2524 unique CDR3
13 unique J



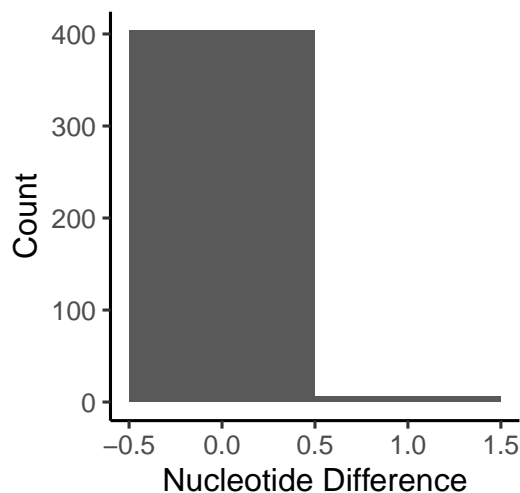
TRBV20-1*ap02

1057 sequences assigned
1051 (99.4%) exact matches, in which:
1033 unique CDR3
13 unique J



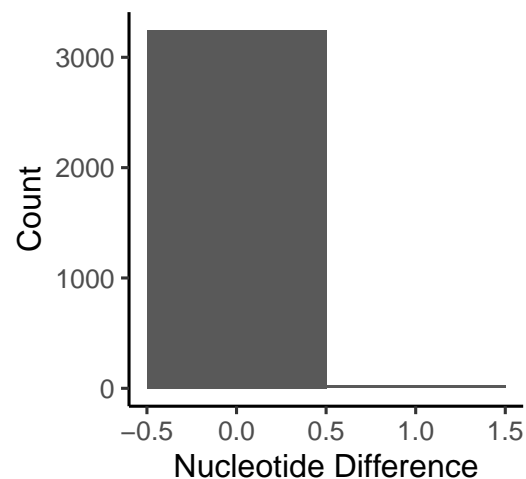
TRBV1*ap01

410 sequences assigned
404 (98.5%) exact matches, in which:
397 unique CDR3
13 unique J



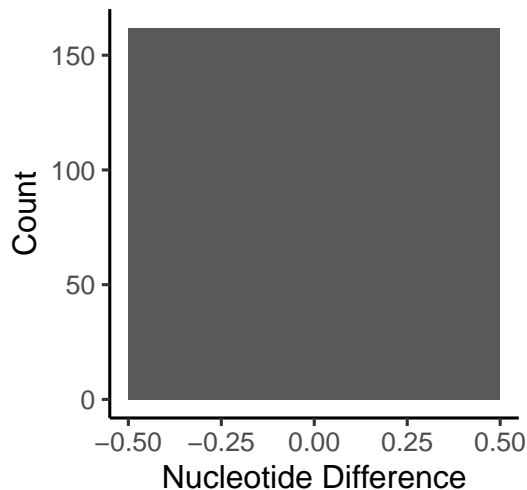
TRBV15*ap02

3274 sequences assigned
3247 (99.2%) exact matches, in which:
3195 unique CDR3
13 unique J



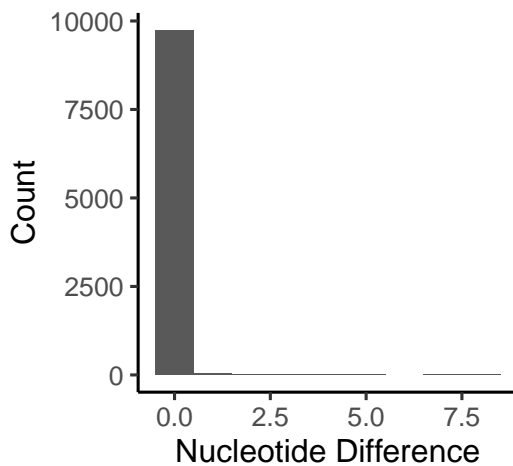
TRBV16*ap01

162 sequences assigned
162 (100%) exact matches, in which:
162 unique CDR3
13 unique J



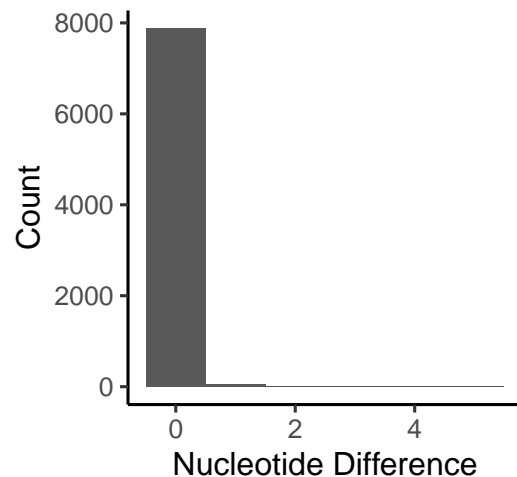
TRBV19*ap01

9806 sequences assigned
9741 (99.3%) exact matches, in which:
9680 unique CDR3
13 unique J



TRBV27*ap01

7937 sequences assigned
7879 (99.3%) exact matches, in which:
7798 unique CDR3
13 unique J



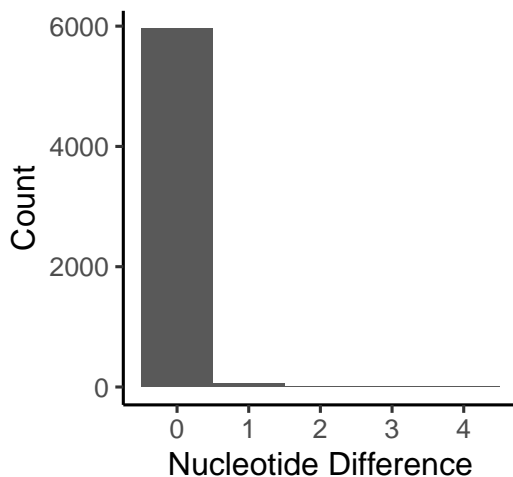
TRBV17*ap01

1 sequences assigned
No exact matches.



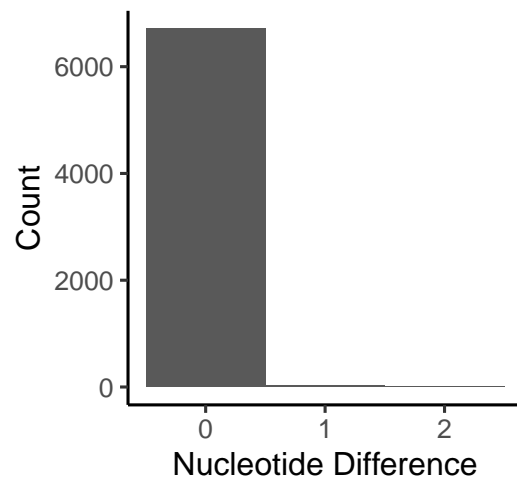
TRBV2*ap01

6026 sequences assigned
5957 (98.9%) exact matches, in which:
5889 unique CDR3
13 unique J



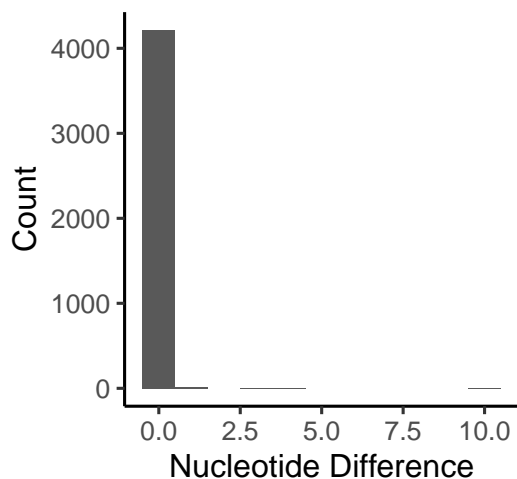
TRBV28*ap01

6747 sequences assigned
6711 (99.5%) exact matches, in which:
6653 unique CDR3
13 unique J



TRBV18*ap01

4236 sequences assigned
4215 (99.5%) exact matches, in which:
4187 unique CDR3
14 unique J



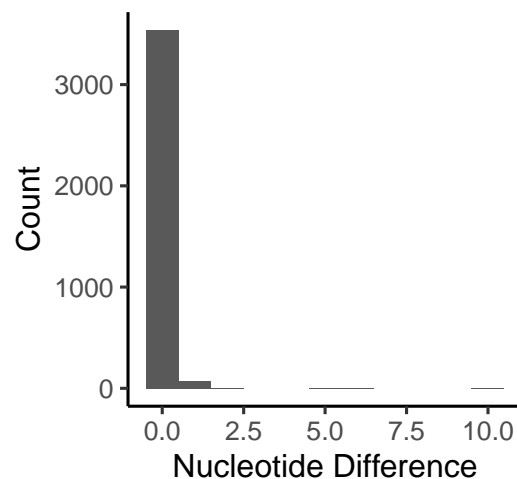
TRBV26*ap01

1 sequences assigned
No exact matches.



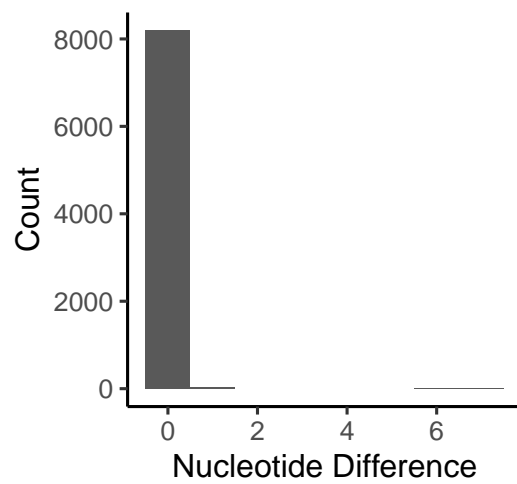
TRBV30*ap02

3620 sequences assigned
3539 (97.8%) exact matches, in which:
3455 unique CDR3
13 unique J



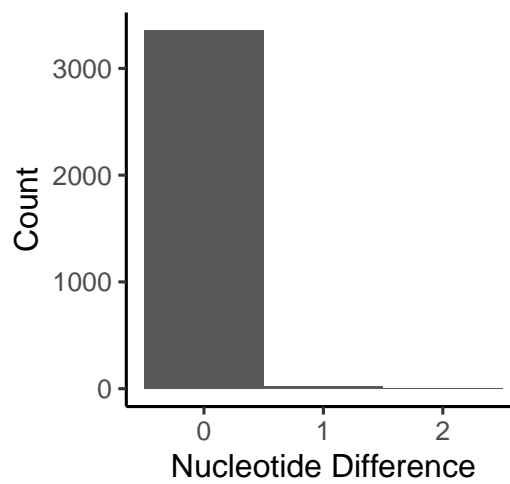
TRBV9*ap01

8244 sequences assigned
8195 (99.4%) exact matches, in which:
8130 unique CDR3
13 unique J



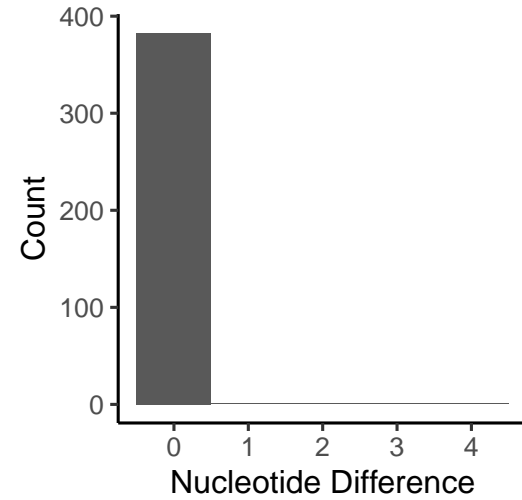
TRBV11-2*ap01

3377 sequences assigned
3356 (99.4%) exact matches, in which:
3332 unique CDR3
13 unique J



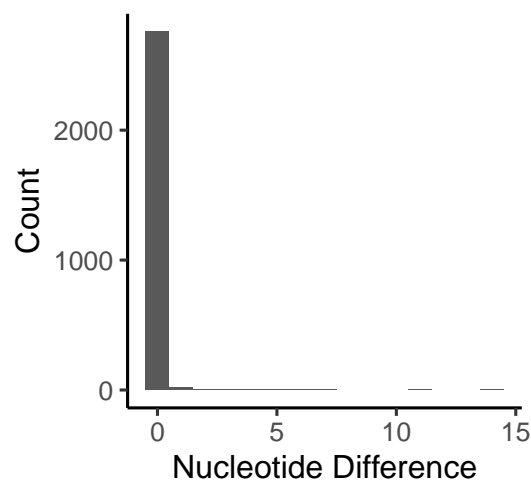
TRBV12-2*ap01

387 sequences assigned
383 (99%) exact matches, in which:
382 unique CDR3
13 unique J



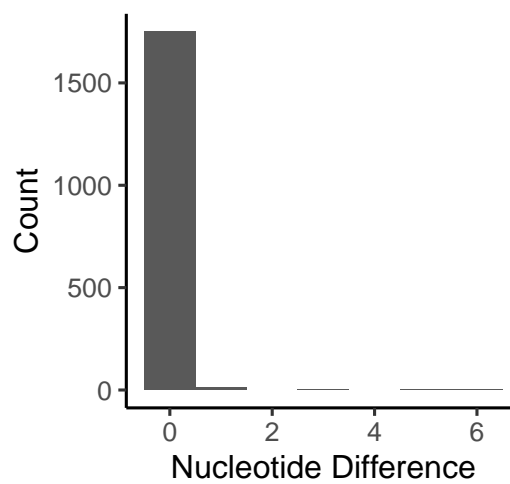
TRBV21-1*ap01

2798 sequences assigned
2758 (98.6%) exact matches, in which:
2741 unique CDR3
13 unique J



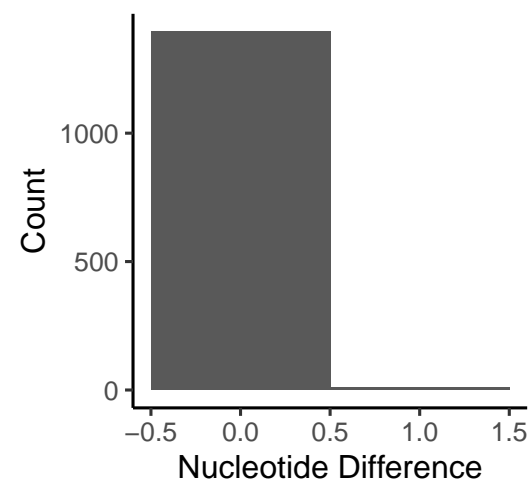
TRBV11-3*ap01

1763 sequences assigned
1750 (99.3%) exact matches, in which:
1743 unique CDR3
13 unique J



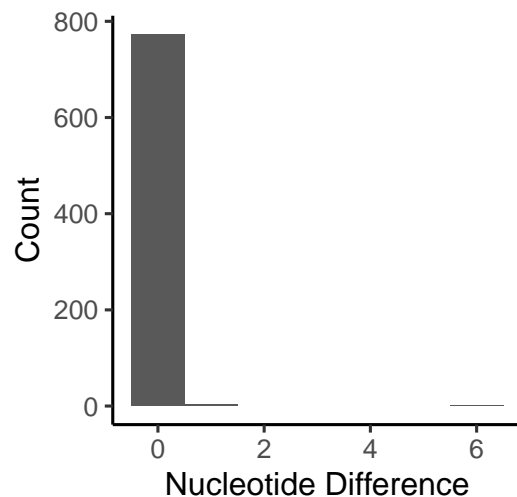
TRBV12-5*ap01

1406 sequences assigned
1395 (99.2%) exact matches, in which:
1380 unique CDR3
13 unique J



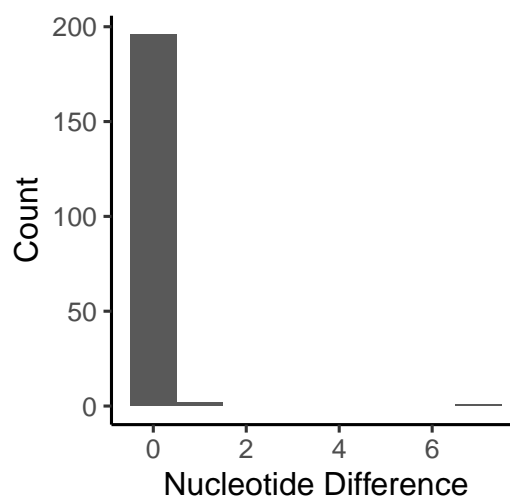
TRBV11-1*ap01

777 sequences assigned
773 (99.5%) exact matches, in which:
767 unique CDR3
13 unique J



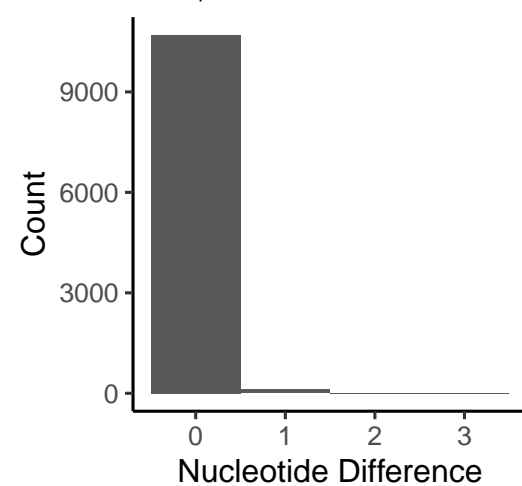
TRBV12-1*ap01

199 sequences assigned
196 (98.5%) exact matches, in which:
194 unique CDR3
13 unique J



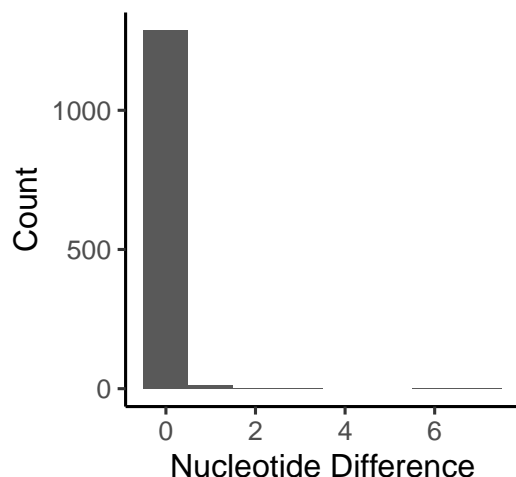
TRBV12-34*ap01

10817 sequences assigned
10697 (98.9%) exact matches, in which:
10593 unique CDR3
13 unique J



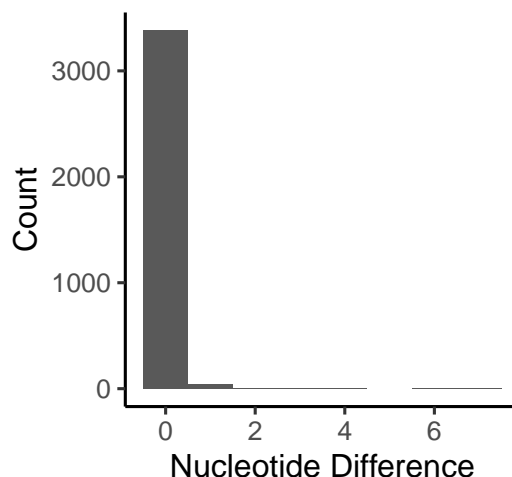
TRBV23-1*ap01

1305 sequences assigned
1287 (98.6%) exact matches, in which:
1273 unique CDR3
13 unique J



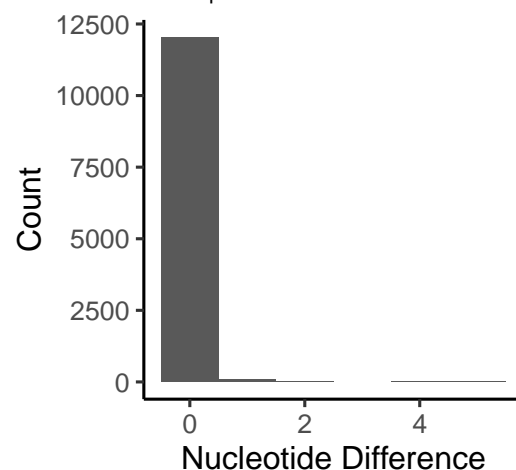
TRBV24-1*ap01

3430 sequences assigned
3382 (98.6%) exact matches, in which:
3334 unique CDR3
13 unique J



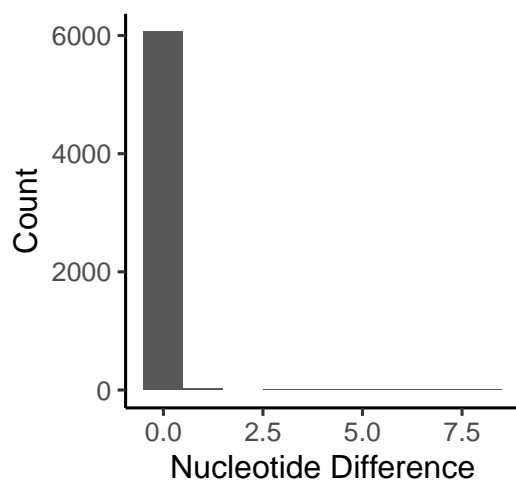
TRBV5-1*ap01

12137 sequences assigned
12040 (99.2%) exact matches, in which:
11830 unique CDR3
13 unique J



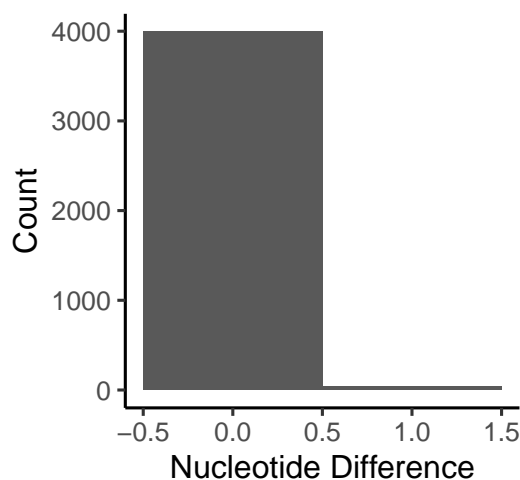
TRBV3-12*ap01

6101 sequences assigned
6064 (99.4%) exact matches, in which:
6031 unique CDR3
13 unique J



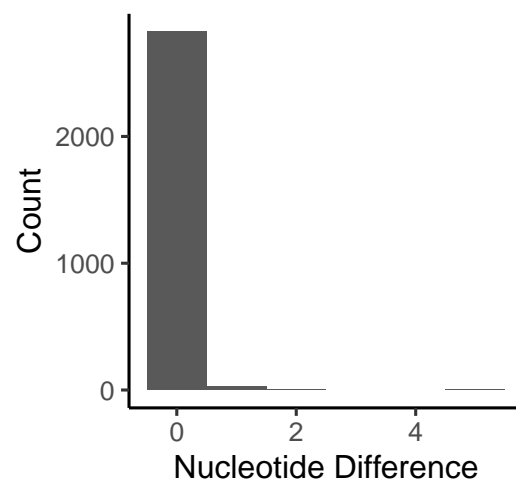
TRBV4-2*ap01

4034 sequences assigned
3994 (99%) exact matches, in which:
3940 unique CDR3
13 unique J



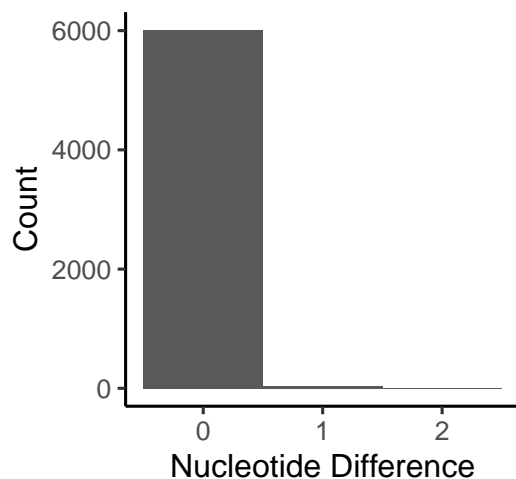
TRBV25-1*ap01

2859 sequences assigned
2826 (98.8%) exact matches, in which:
2762 unique CDR3
13 unique J



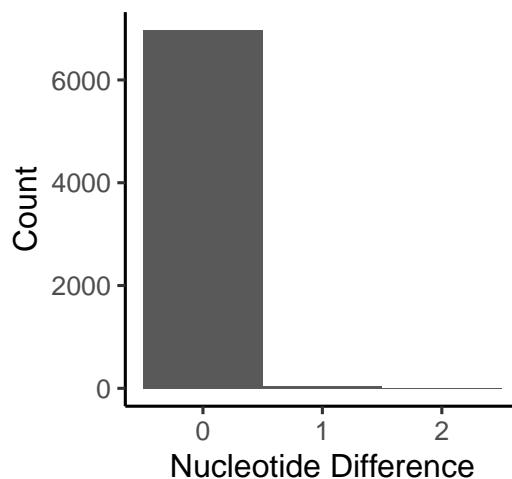
TRBV4-1*ap01

6046 sequences assigned
6010 (99.4%) exact matches, in which:
5924 unique CDR3
13 unique J



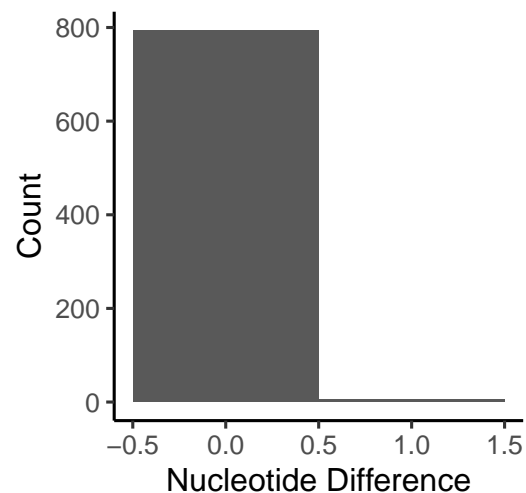
TRBV4-3*ap01

7014 sequences assigned
6971 (99.4%) exact matches, in which:
6909 unique CDR3
13 unique J



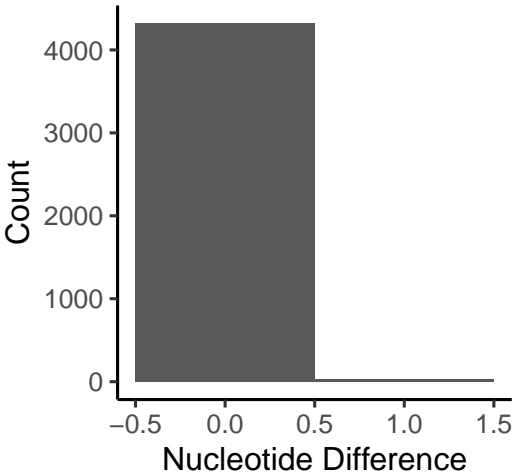
TRBV5-3*ap01

800 sequences assigned
794 (99.2%) exact matches, in which:
786 unique CDR3
13 unique J



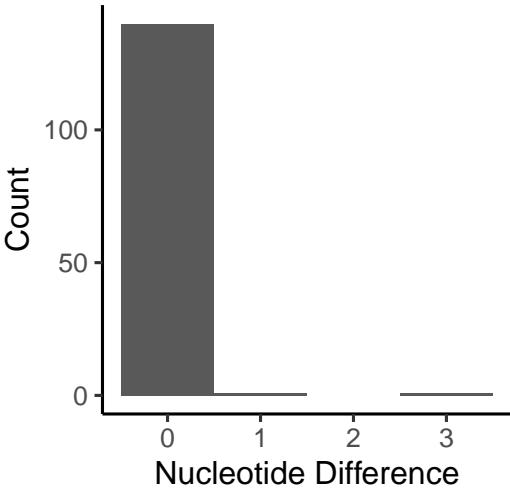
TRBV5-4*ap01

4355 sequences assigned
4320 (99.2%) exact matches, in which:
4267 unique CDR3
13 unique J



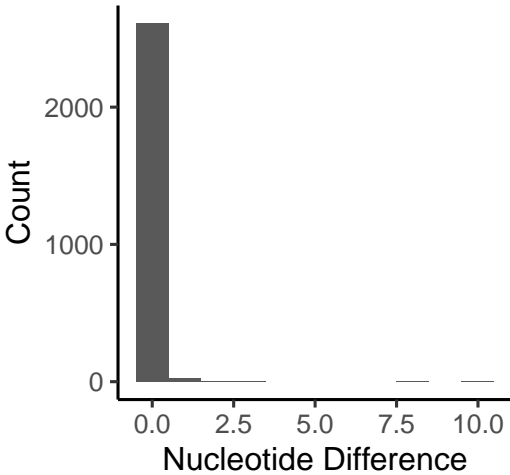
TRBV5-7*ap01

142 sequences assigned
140 (98.6%) exact matches, in which:
134 unique CDR3
12 unique J



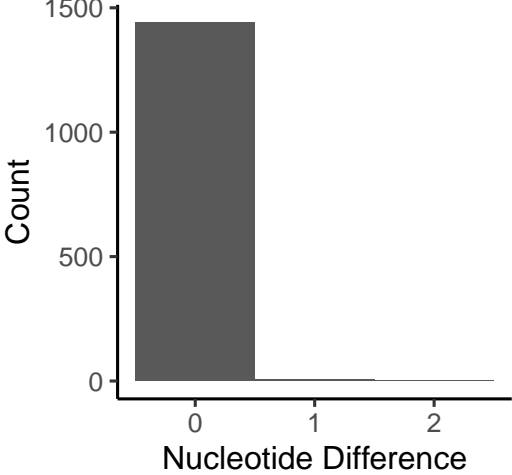
TRBV6-4*ap01

2645 sequences assigned
2610 (98.7%) exact matches, in which:
2586 unique CDR3
13 unique J



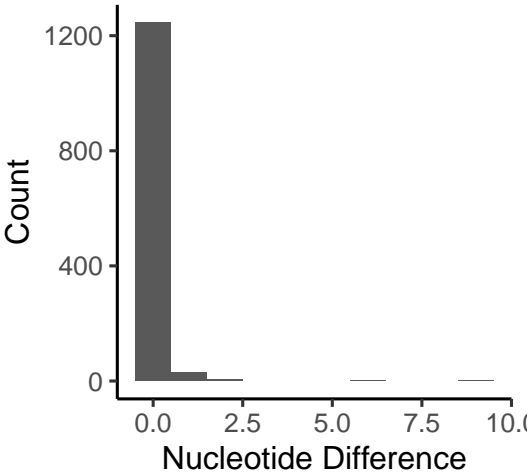
TRBV5-5*ap01

1449 sequences assigned
1440 (99.4%) exact matches, in which:
1432 unique CDR3
13 unique J



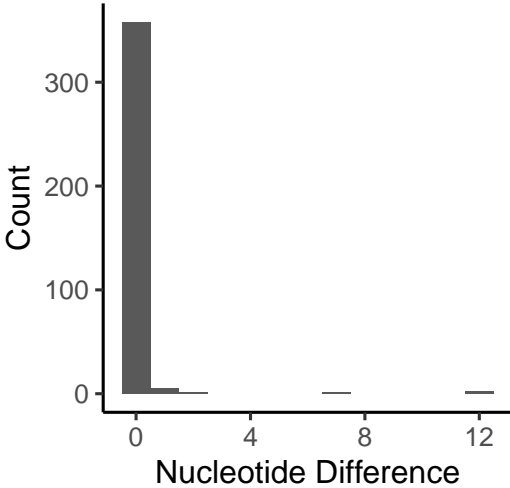
TRBV5-8*ap01

1281 sequences assigned
1245 (97.2%) exact matches, in which:
1232 unique CDR3
13 unique J



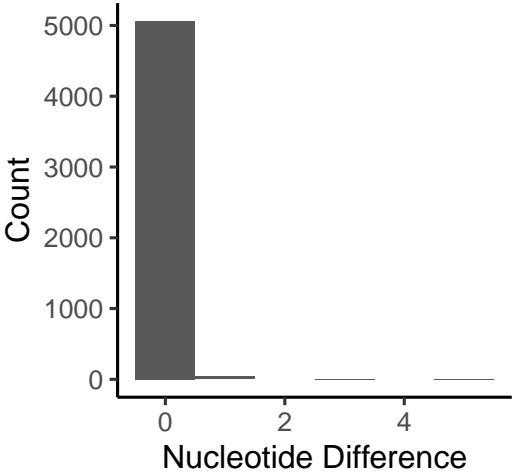
TRBV6-7*ap01

367 sequences assigned
358 (97.5%) exact matches, in which:
352 unique CDR3
13 unique J



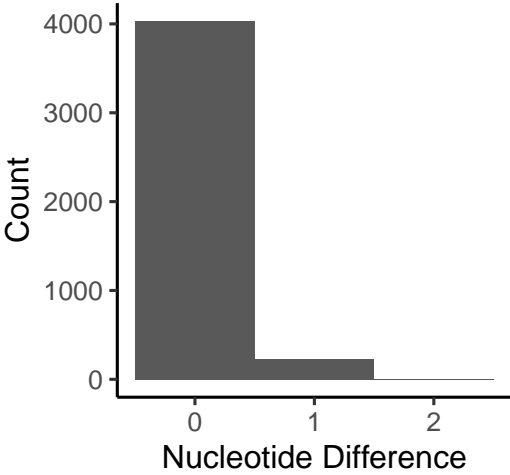
TRBV5-6*ap01

5104 sequences assigned
5062 (99.2%) exact matches, in which:
4934 unique CDR3
13 unique J



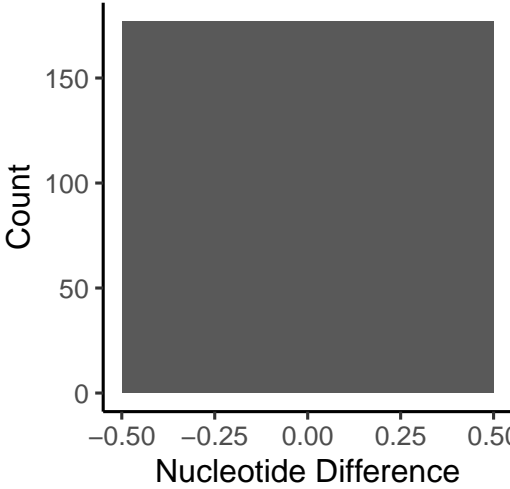
TRBV6-1*ap01

4262 sequences assigned
4032 (94.6%) exact matches, in which:
3956 unique CDR3
13 unique J



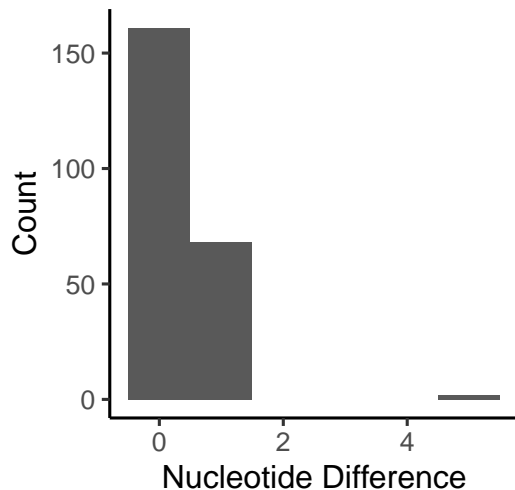
TRBV6-8*ap01

177 sequences assigned
177 (100%) exact matches, in which:
173 unique CDR3
13 unique J



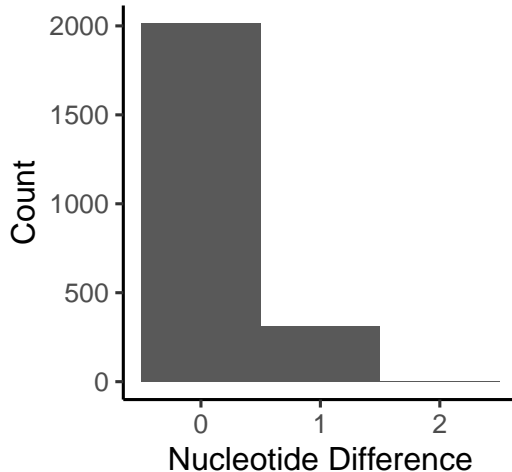
TRBV6–9*ap01

231 sequences assigned
161 (69.7%) exact matches, in which:
157 unique CDR3
13 unique J



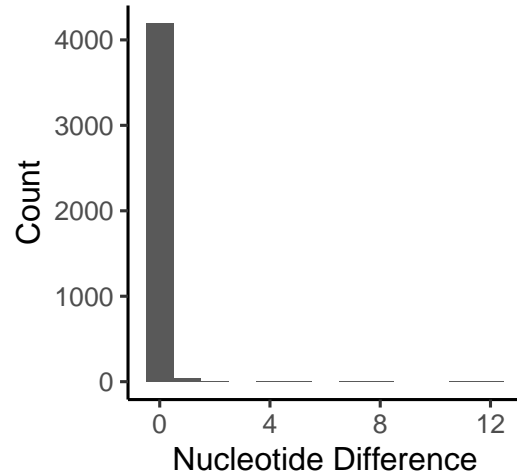
TRBV6–56*ap02

2329 sequences assigned
2014 (86.5%) exact matches, in which:
1972 unique CDR3
13 unique J



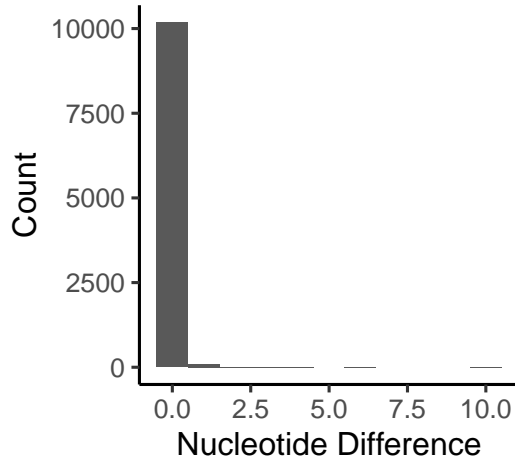
TRBV7–3*ap01

4238 sequences assigned
4193 (98.9%) exact matches, in which:
4156 unique CDR3
13 unique J



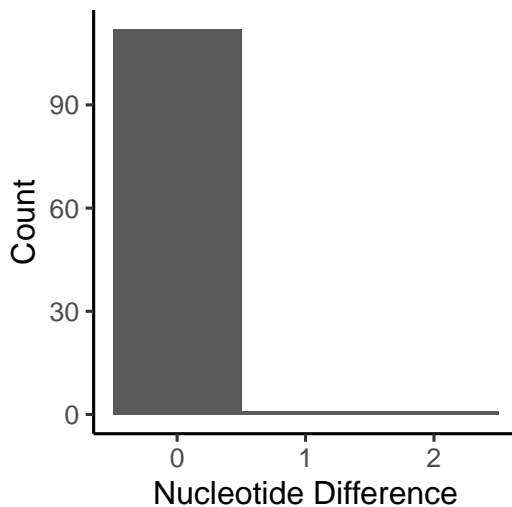
TRBV6–23*ap01

10284 sequences assigned
10180 (99%) exact matches, in which:
10005 unique CDR3
13 unique J



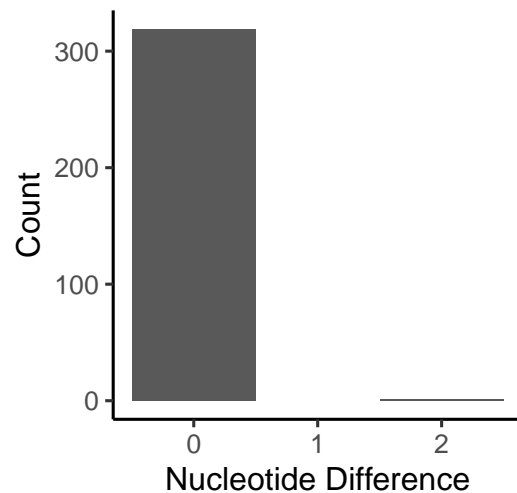
TRBV7–1*ap01_G291C_T

114 sequences assigned
112 (98.2%) exact matches, in which:
110 unique CDR3
13 unique J



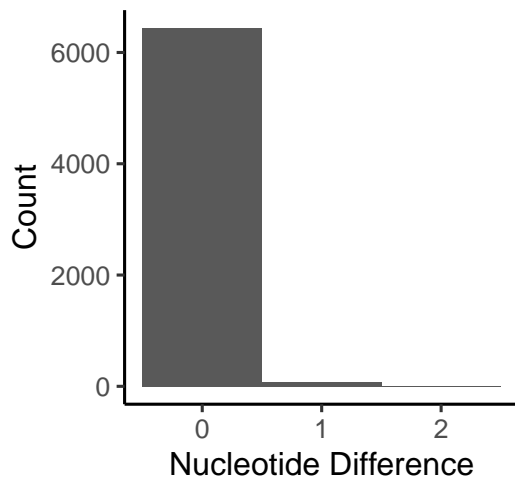
TRBV7–4*ap01

320 sequences assigned
319 (99.7%) exact matches, in which:
314 unique CDR3
13 unique J



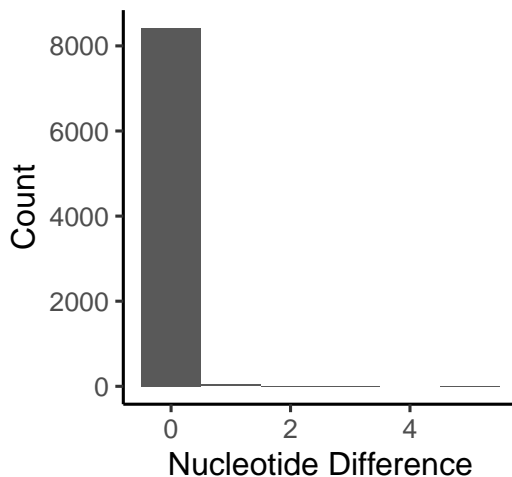
TRBV6–56*ap01

6520 sequences assigned
6439 (98.8%) exact matches, in which:
6342 unique CDR3
13 unique J



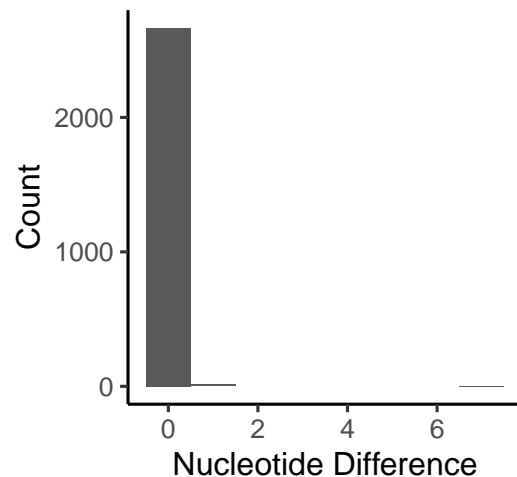
TRBV7–2*ap01

8479 sequences assigned
8419 (99.3%) exact matches, in which:
8351 unique CDR3
13 unique J



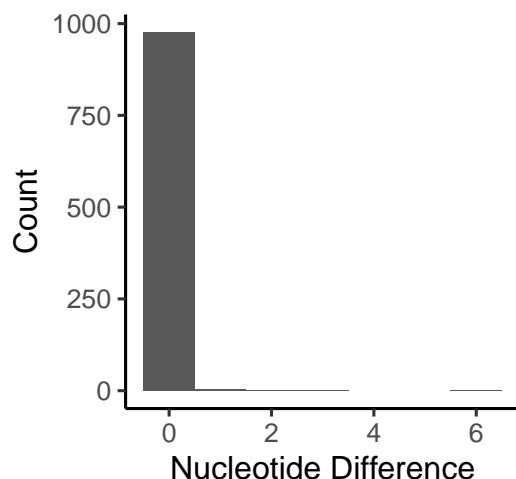
TRBV7–6*ap01

2680 sequences assigned
2665 (99.4%) exact matches, in which:
2630 unique CDR3
13 unique J



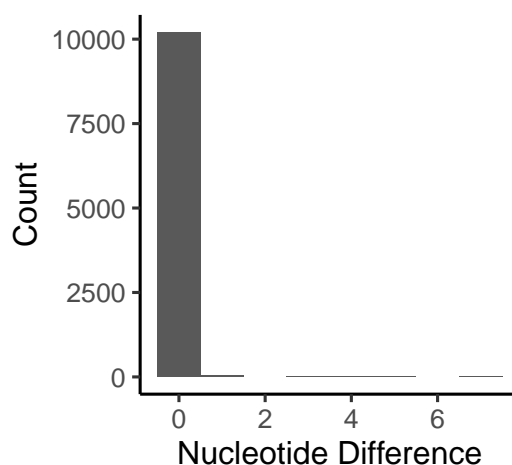
TRBV7-7*ap01_C315T

984 sequences assigned
976 (99.2%) exact matches, in which:
961 unique CDR3
13 unique J



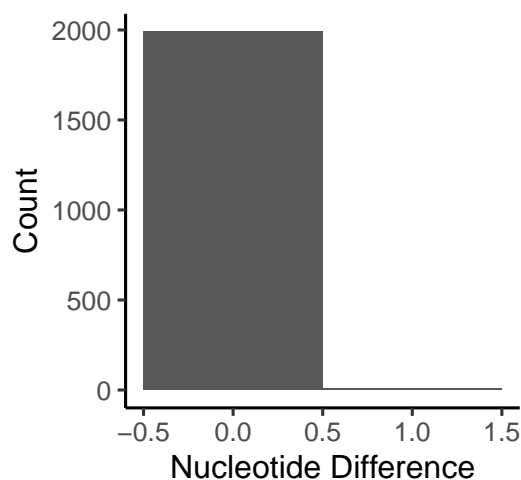
TRBV7-9*ap01

10268 sequences assigned
10207 (99.4%) exact matches, in which:
10108 unique CDR3
13 unique J



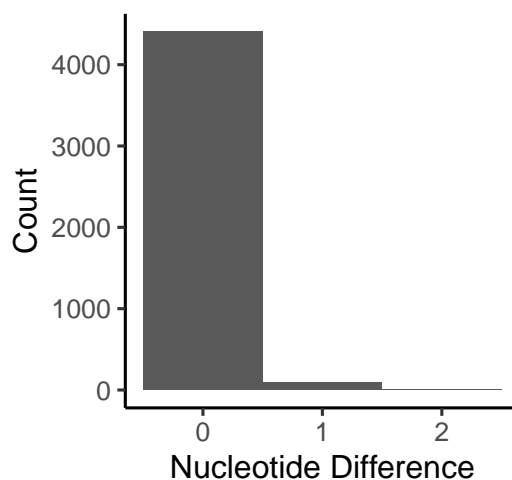
TRBV7-8*ap01

1998 sequences assigned
1990 (99.6%) exact matches, in which:
1968 unique CDR3
13 unique J



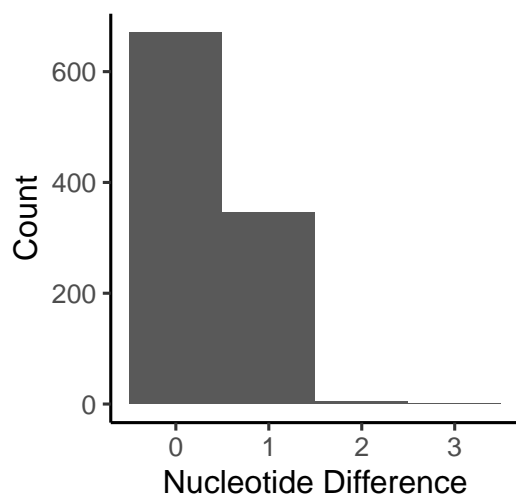
TRBV29-1*ap01

4498 sequences assigned
4405 (97.9%) exact matches, in which:
4309 unique CDR3
13 unique J



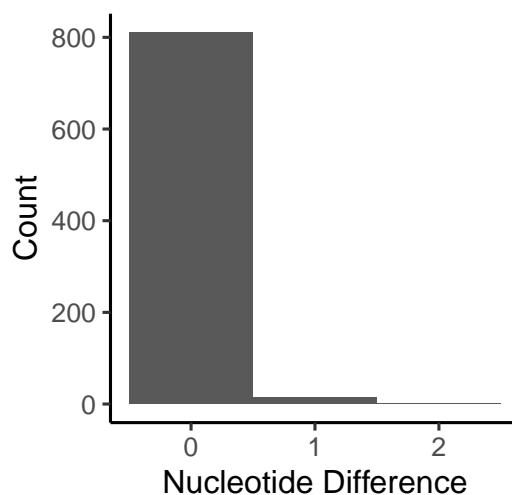
TRBV7-8*ap03

1022 sequences assigned
671 (65.7%) exact matches, in which:
662 unique CDR3
13 unique J

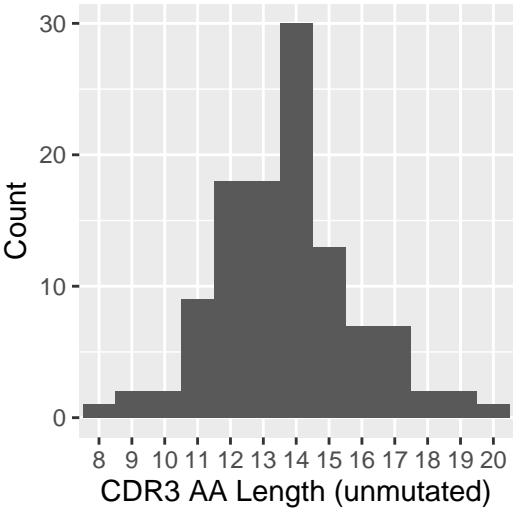


TRBV29-1*ap02

826 sequences assigned
811 (98.2%) exact matches, in which:
796 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T

