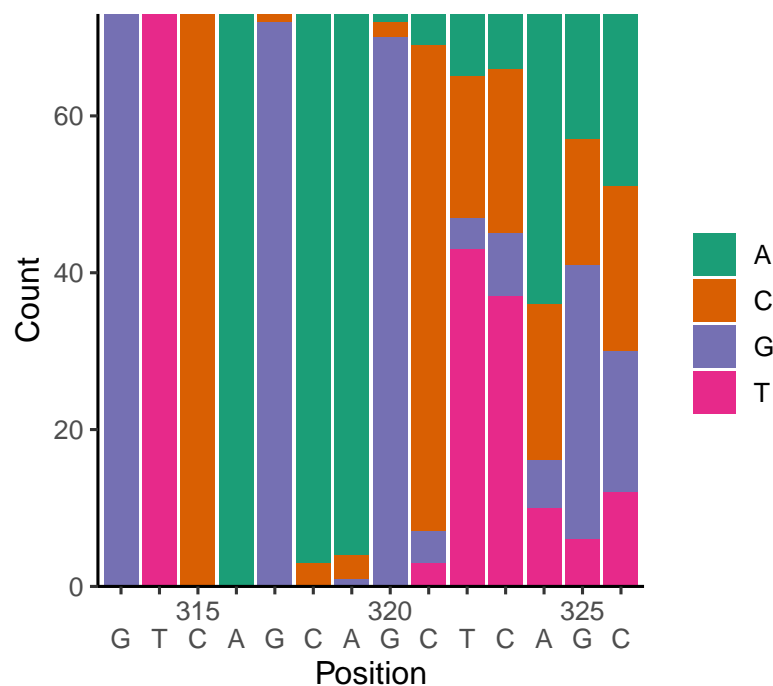
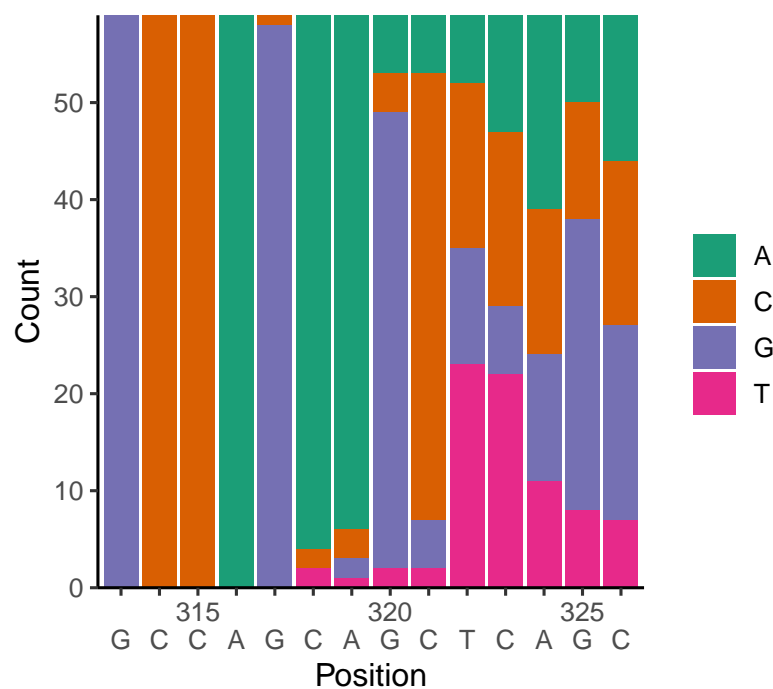


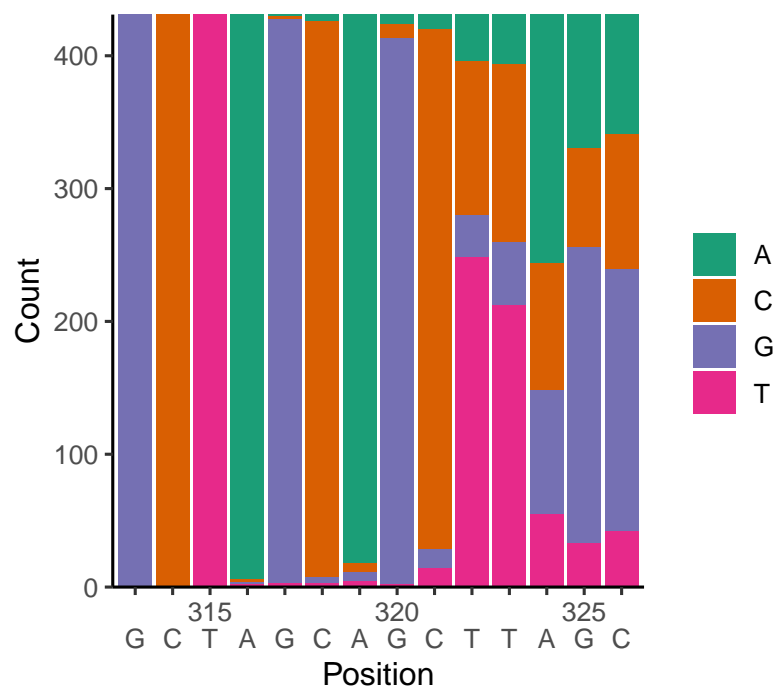
Gene TRBV7-1*ap01_G291C_T296C_C314T



Gene TRBV7-1*ap01_G291C_T296C



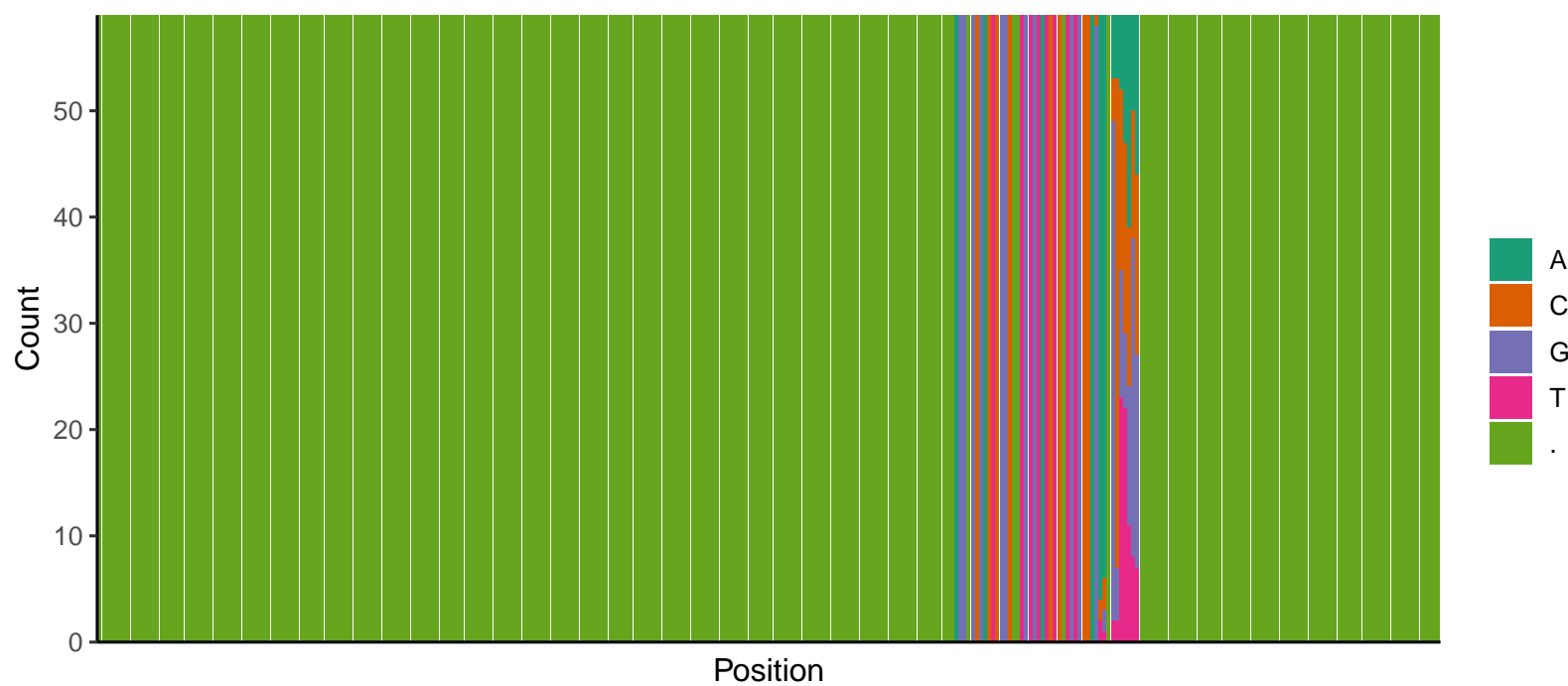
Gene TRBV7-7*ap01_C315T



Gene TRBV7-1*ap01_G291C_T296C_C314T



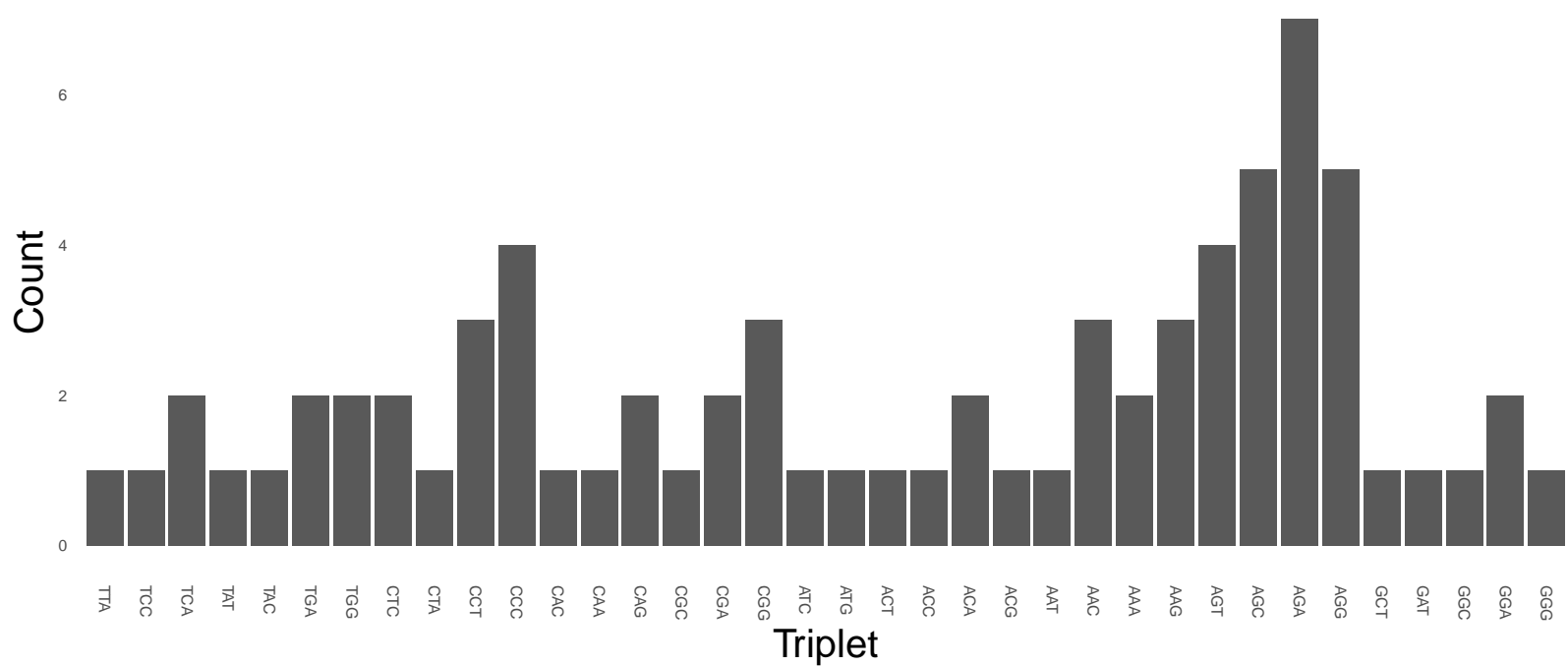
Gene TRBV7-1*ap01_G291C_T296C



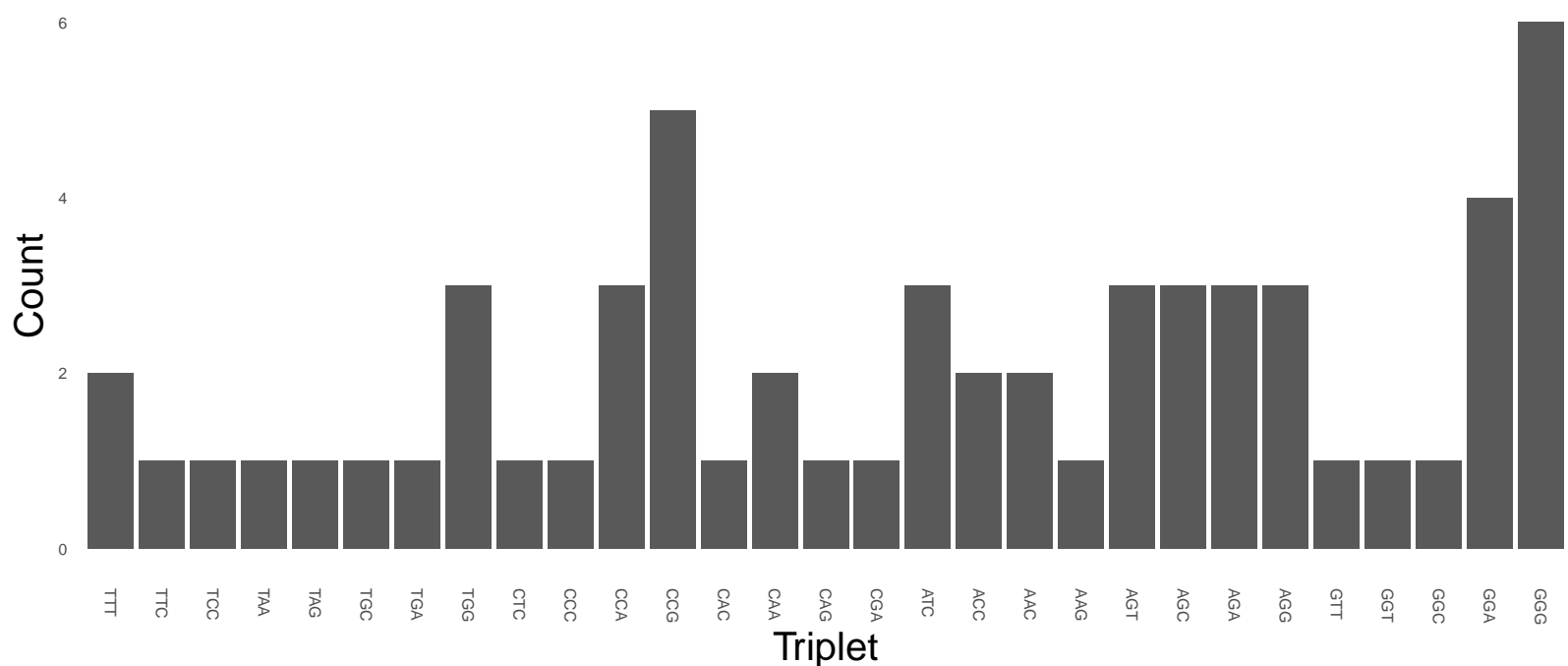
Gene TRBV7-7*ap01_C315T



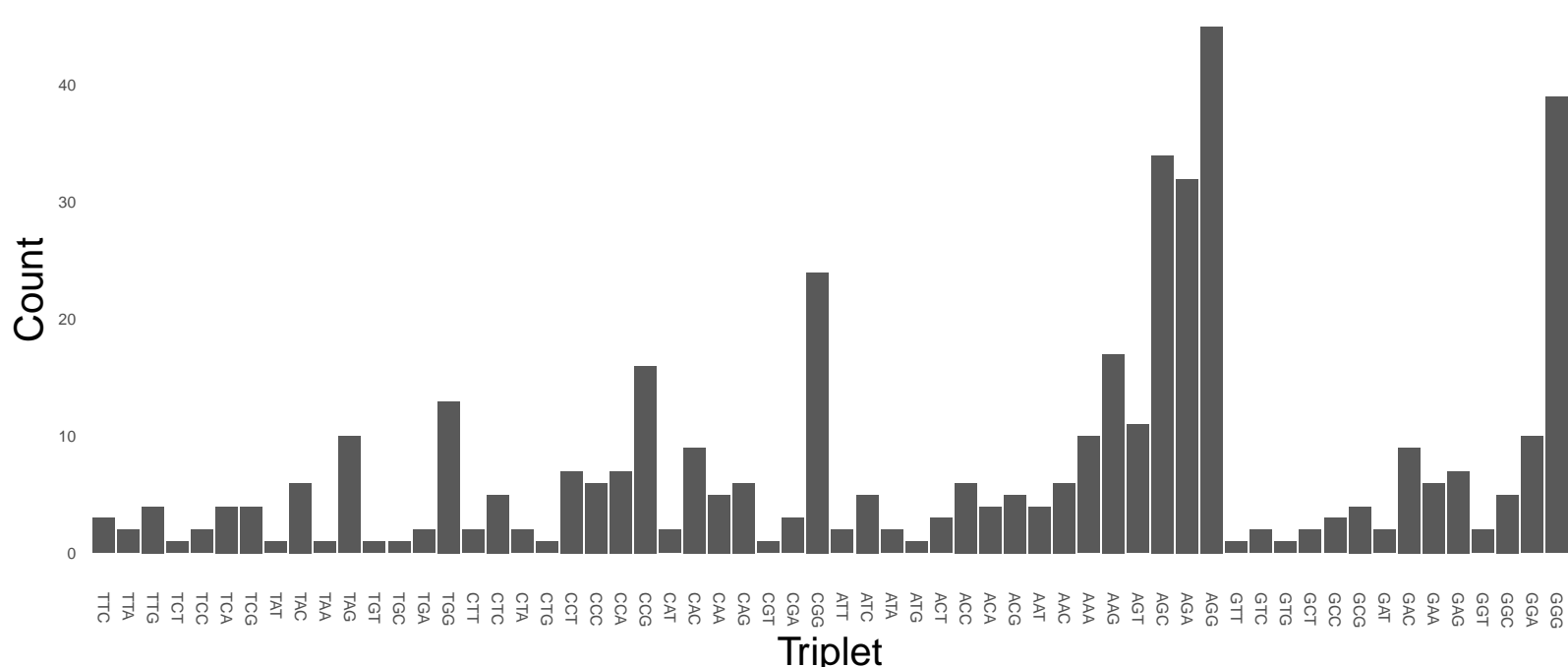
TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



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

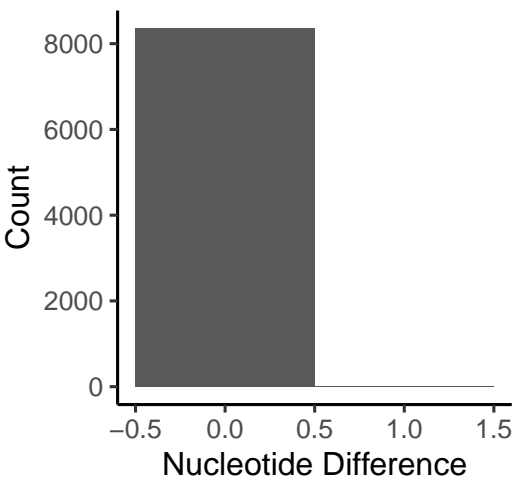


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



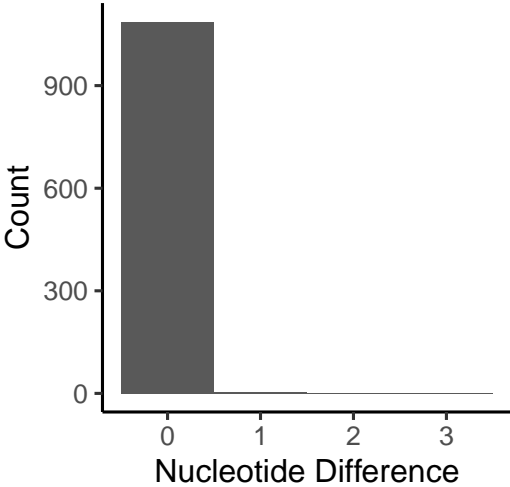
TRBV20-1*ap01

8372 sequences assigned
8356 (99.8%) exact matches, in which:
8352 unique CDR3
13 unique J



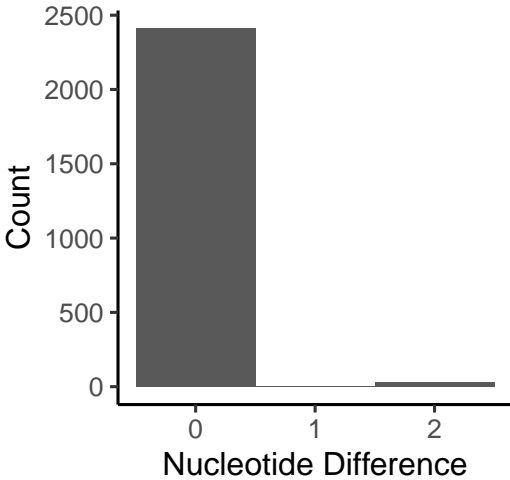
TRBV10-2*ap01

1093 sequences assigned
1087 (99.5%) exact matches, in which:
1087 unique CDR3
13 unique J



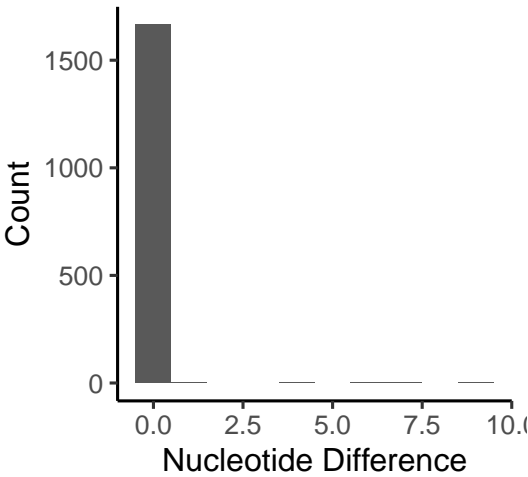
TRBV13*ap01

2445 sequences assigned
2411 (98.6%) exact matches, in which:
2409 unique CDR3
13 unique J



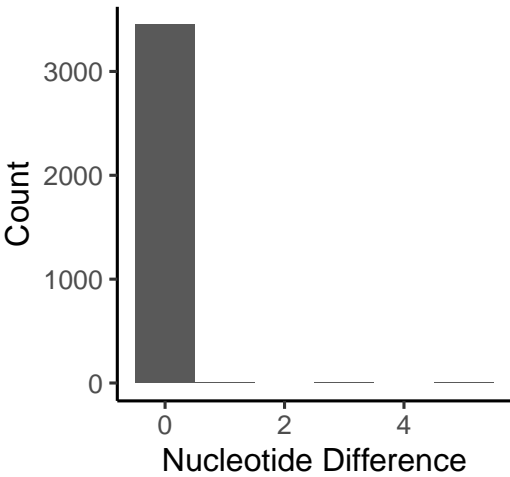
TRBV10-1*ap01

1672 sequences assigned
1665 (99.6%) exact matches, in which:
1665 unique CDR3
13 unique J



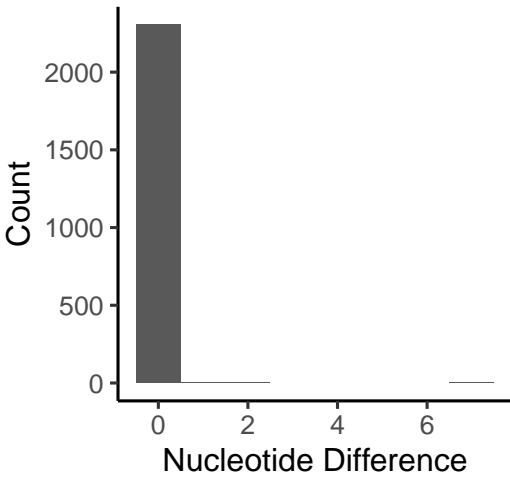
TRBV10-3*ap01

3460 sequences assigned
3450 (99.7%) exact matches, in which:
3450 unique CDR3
13 unique J



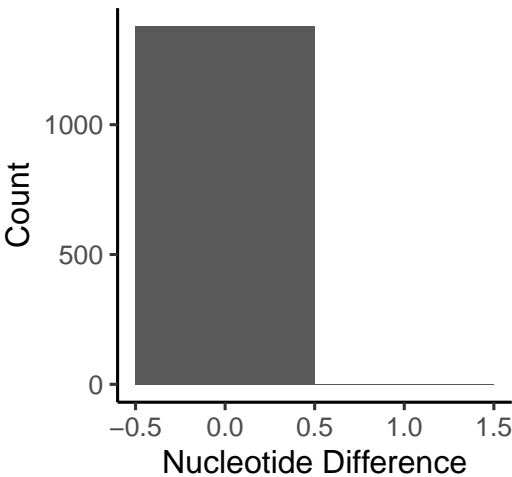
TRBV14*ap01

2310 sequences assigned
2305 (99.8%) exact matches, in which:
2305 unique CDR3
13 unique J



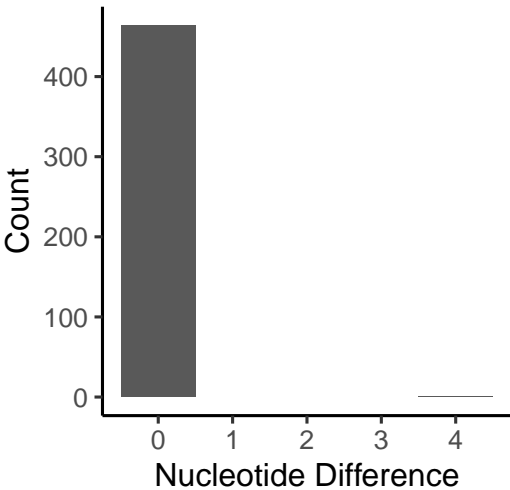
TRBV20-1*ap02

1381 sequences assigned
1380 (99.9%) exact matches, in which:
1380 unique CDR3
13 unique J



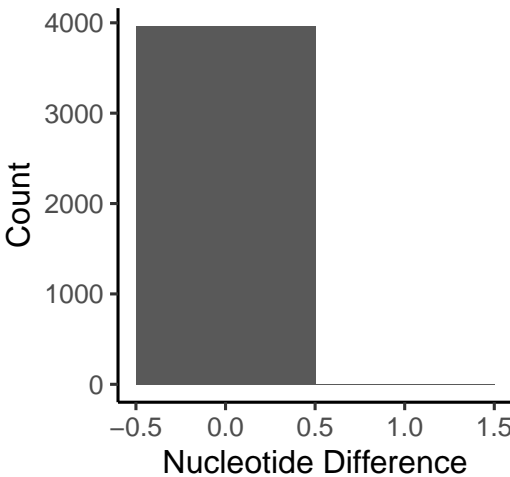
TRBV1*ap01

465 sequences assigned
464 (99.8%) exact matches, in which:
464 unique CDR3
13 unique J



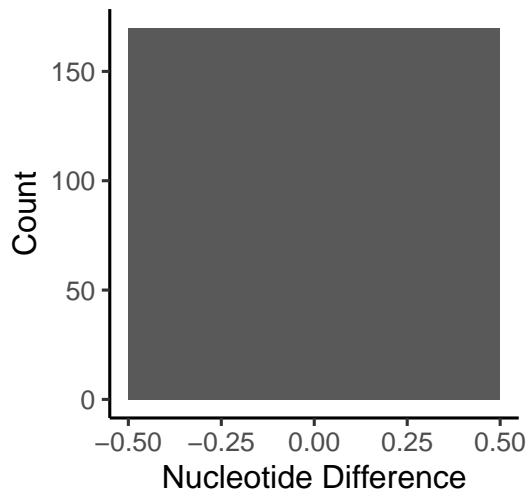
TRBV15*ap02

3968 sequences assigned
3964 (99.9%) exact matches, in which:
3962 unique CDR3
13 unique J



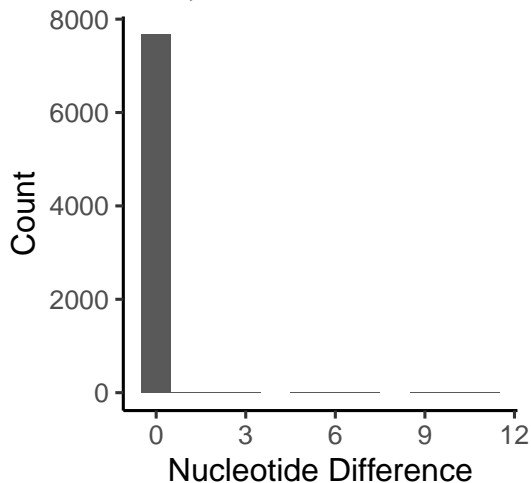
TRBV16*ap01

170 sequences assigned
170 (100%) exact matches, in which:
170 unique CDR3
13 unique J



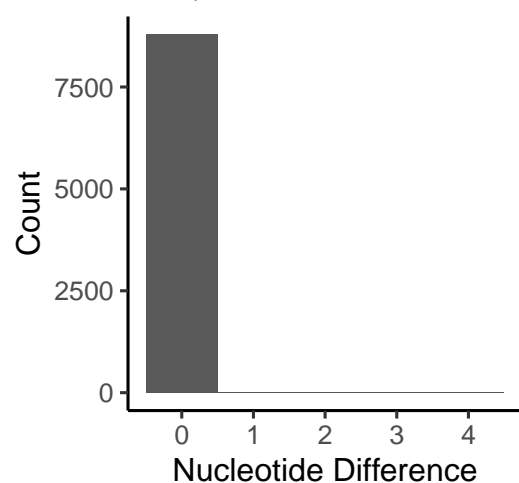
TRBV19*ap01

7698 sequences assigned
7673 (99.7%) exact matches, in which:
7672 unique CDR3
13 unique J



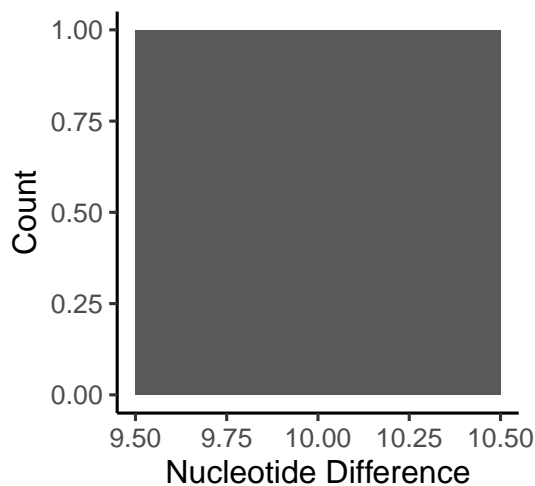
TRBV28*ap01

8807 sequences assigned
8790 (99.8%) exact matches, in which:
8788 unique CDR3
13 unique J



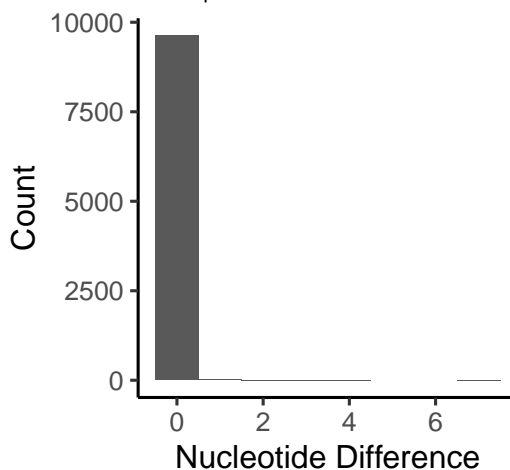
TRBV17*ap01

1 sequences assigned
No exact matches.



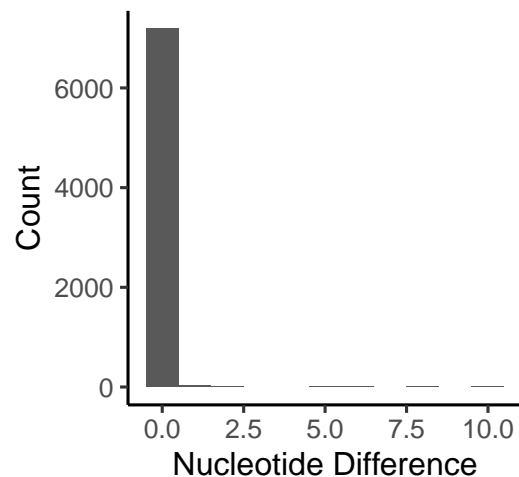
TRBV2*ap01

9658 sequences assigned
9631 (99.7%) exact matches, in which:
9619 unique CDR3
13 unique J



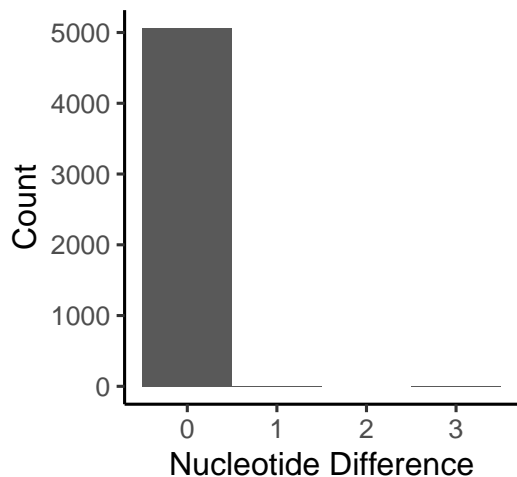
TRBV30*ap01

7237 sequences assigned
7188 (99.3%) exact matches, in which:
7164 unique CDR3
13 unique J



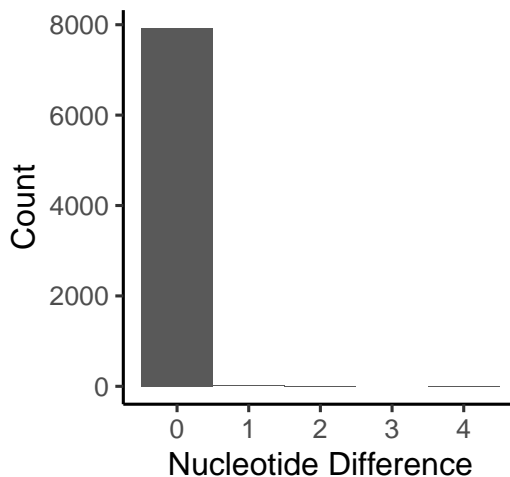
TRBV18*ap01

5070 sequences assigned
5063 (99.9%) exact matches, in which:
5063 unique CDR3
13 unique J



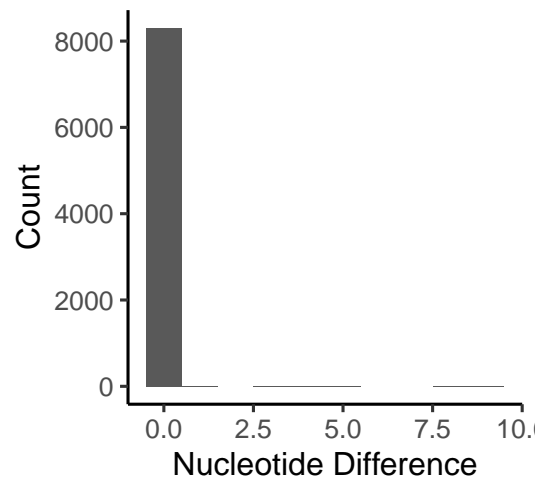
TRBV27*ap01

7951 sequences assigned
7926 (99.7%) exact matches, in which:
7910 unique CDR3
13 unique J



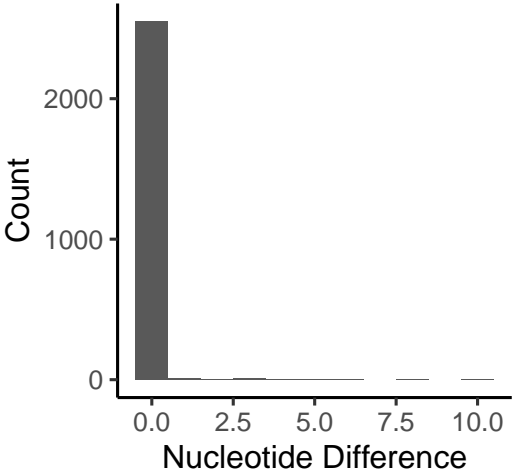
TRBV9*ap01

8323 sequences assigned
8302 (99.7%) exact matches, in which:
8293 unique CDR3
13 unique J



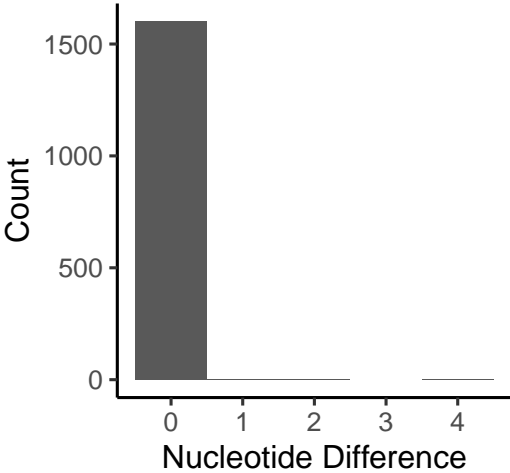
TRBV21-1*ap01

2582 sequences assigned
2550 (98.8%) exact matches, in which:
2550 unique CDR3
13 unique J



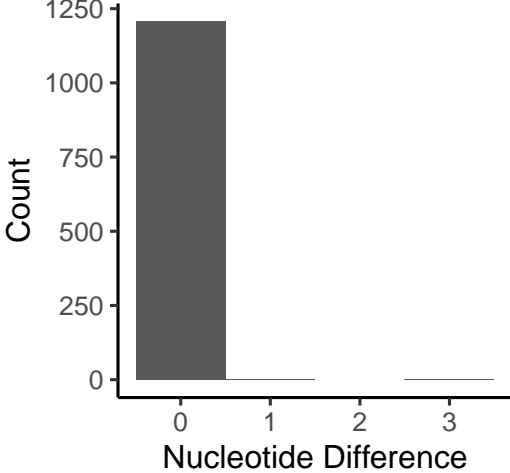
TRBV11-3*ap01

1606 sequences assigned
1601 (99.7%) exact matches, in which:
1601 unique CDR3
14 unique J



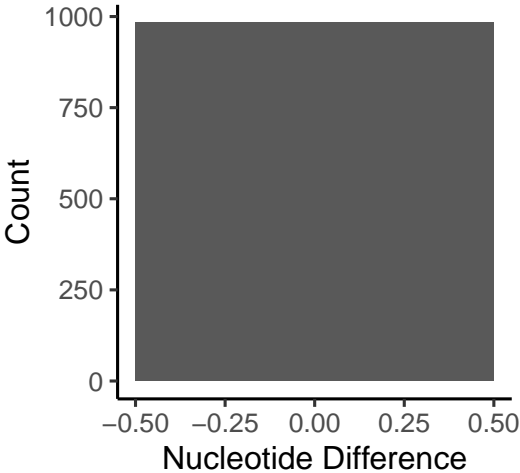
TRBV12-5*ap01

1210 sequences assigned
1207 (99.8%) exact matches, in which:
1207 unique CDR3
13 unique J



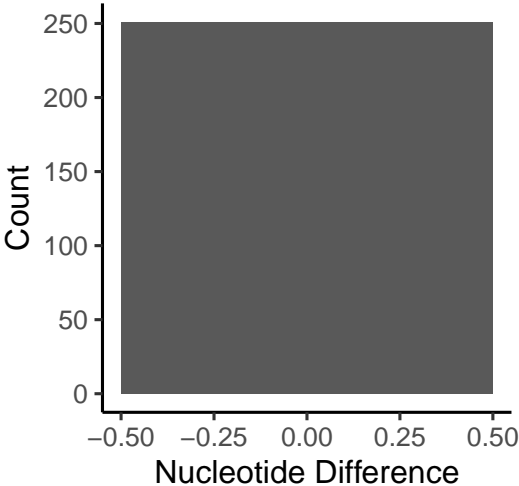
TRBV11-1*ap01

983 sequences assigned
983 (100%) exact matches, in which:
983 unique CDR3
13 unique J



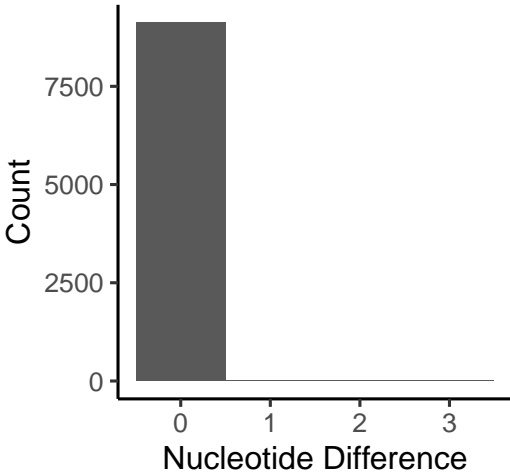
TRBV12-1*ap01

251 sequences assigned
251 (100%) exact matches, in which:
251 unique CDR3
13 unique J



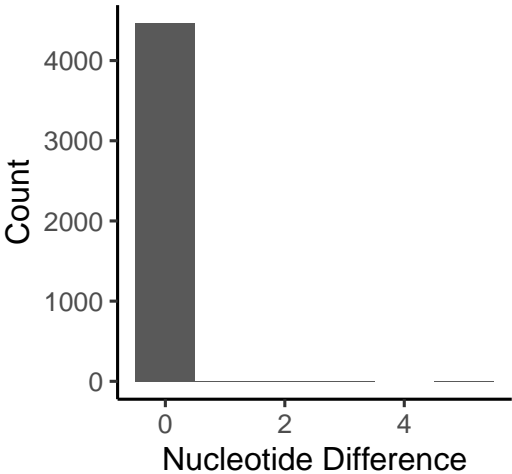
TRBV12-34*ap01

9138 sequences assigned
9119 (99.8%) exact matches, in which:
9119 unique CDR3
13 unique J



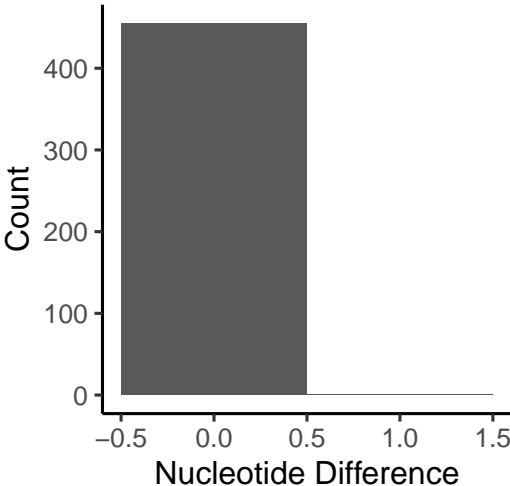
TRBV11-2*ap01

4474 sequences assigned
4468 (99.9%) exact matches, in which:
4468 unique CDR3
13 unique J



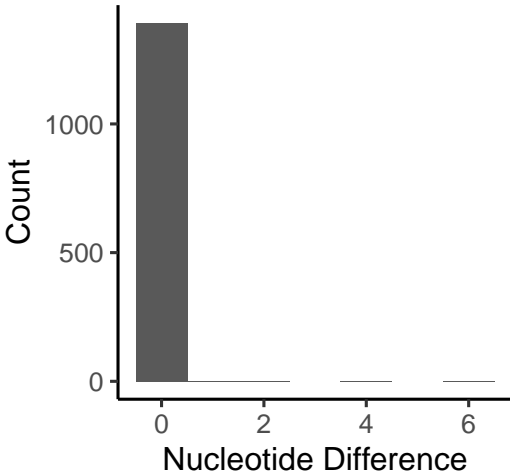
TRBV12-2*ap01

456 sequences assigned
455 (99.8%) exact matches, in which:
455 unique CDR3
13 unique J



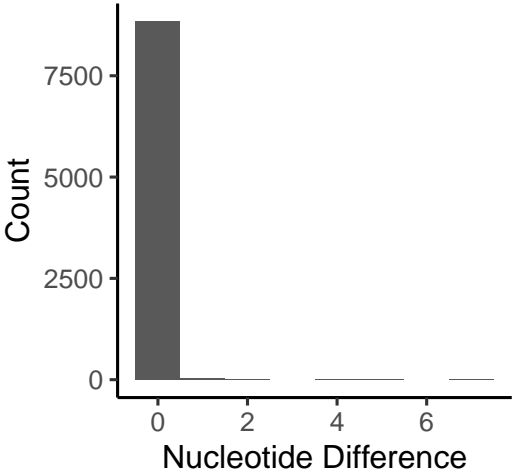
TRBV23-1*ap01

1397 sequences assigned
1392 (99.6%) exact matches, in which:
1392 unique CDR3
13 unique J



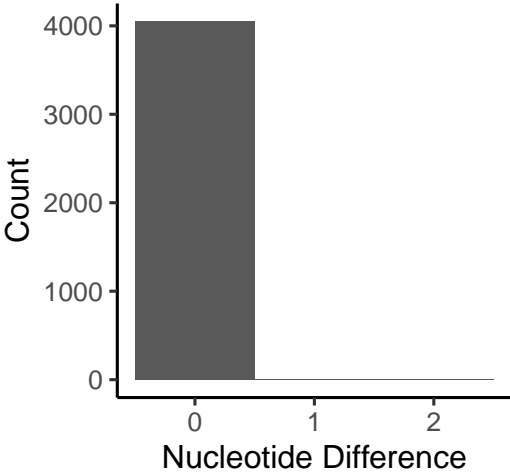
TRBV3-12*ap01

8875 sequences assigned
8841 (99.6%) exact matches, in which:
8822 unique CDR3
13 unique J



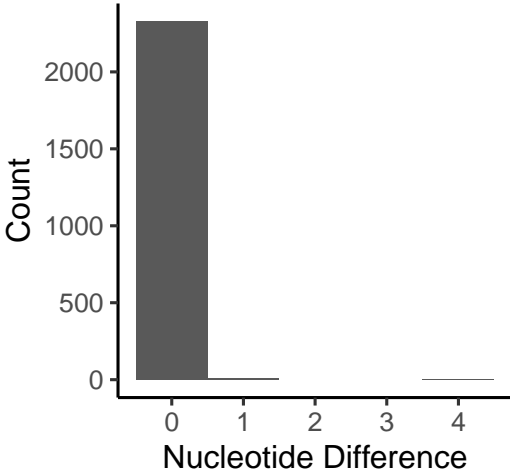
TRBV4-2*ap01

4058 sequences assigned
4050 (99.8%) exact matches, in which:
4048 unique CDR3
13 unique J



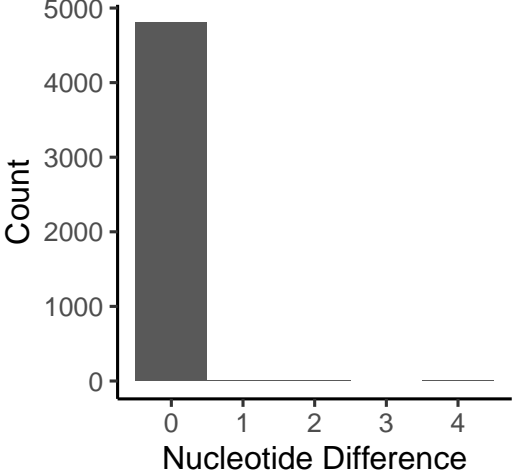
TRBV25-1*ap01

2342 sequences assigned
2328 (99.4%) exact matches, in which:
2320 unique CDR3
13 unique J



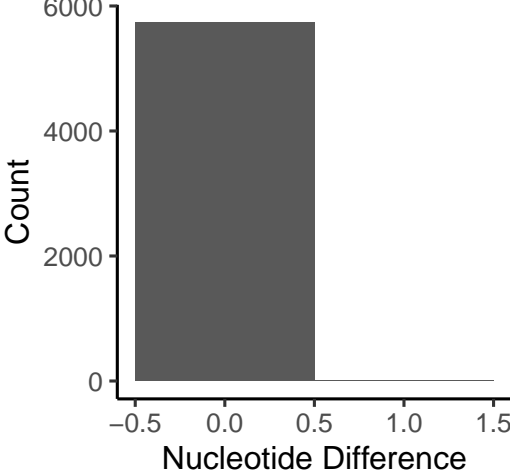
TRBV4-1*ap01

4809 sequences assigned
4803 (99.9%) exact matches, in which:
4803 unique CDR3
13 unique J



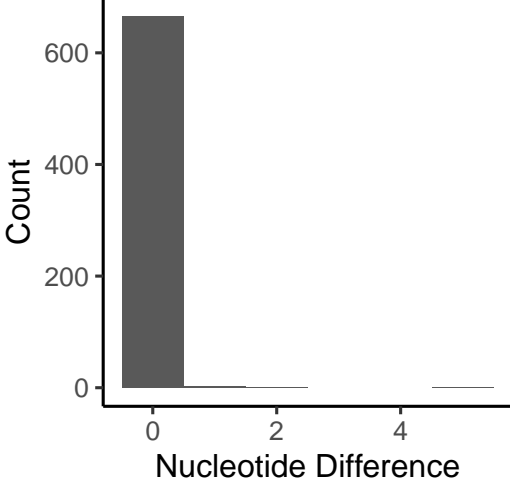
TRBV4-3*ap01

5737 sequences assigned
5732 (99.9%) exact matches, in which:
5728 unique CDR3
13 unique J



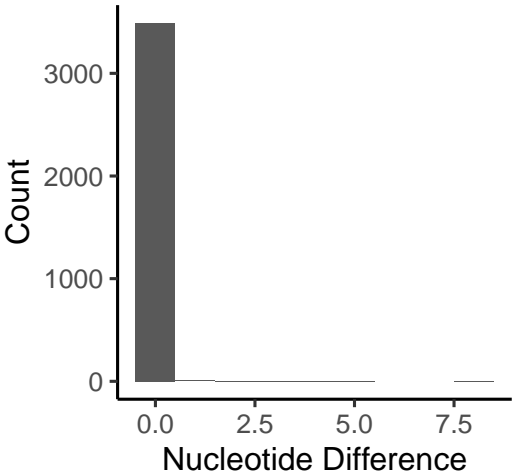
TRBV5-3*ap01

670 sequences assigned
666 (99.4%) exact matches, in which:
666 unique CDR3
13 unique J



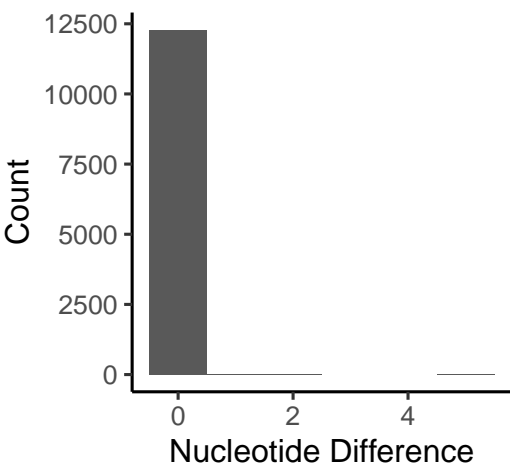
TRBV24-1*ap01

3508 sequences assigned
3490 (99.5%) exact matches, in which:
3482 unique CDR3
13 unique J



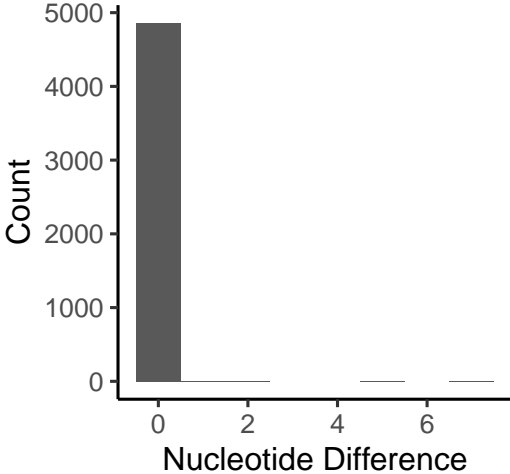
TRBV5-1*ap01

12317 sequences assigned
12286 (99.7%) exact matches, in which:
12262 unique CDR3
13 unique J



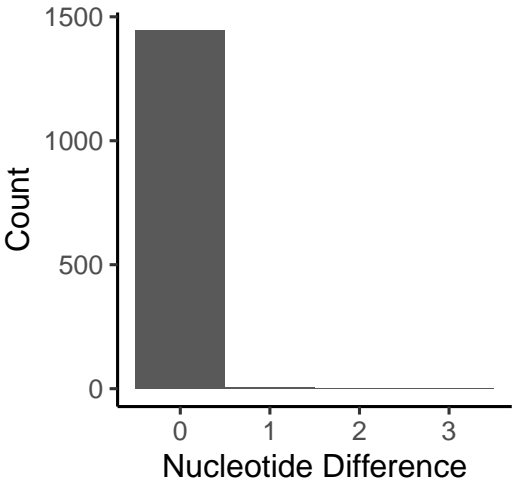
TRBV5-4*ap01

4870 sequences assigned
4859 (99.8%) exact matches, in which:
4858 unique CDR3
13 unique J



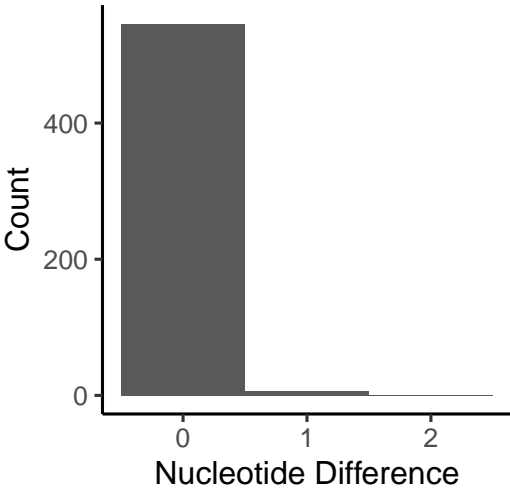
TRBV5-5*ap01

1455 sequences assigned
1445 (99.3%) exact matches, in which:
1444 unique CDR3
13 unique J



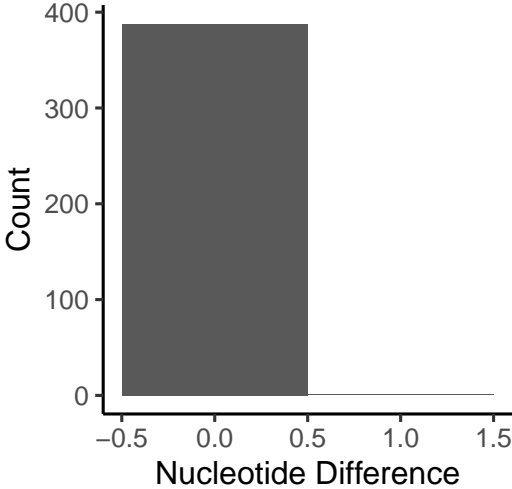
TRBV5-8*ap01

553 sequences assigned
546 (98.7%) exact matches, in which:
545 unique CDR3
13 unique J



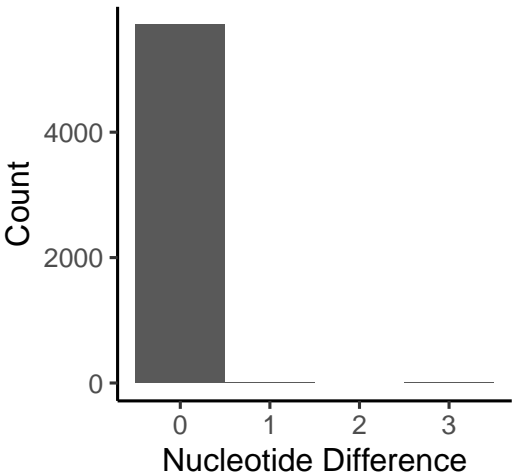
TRBV6-7*ap01

389 sequences assigned
388 (99.7%) exact matches, in which:
387 unique CDR3
13 unique J



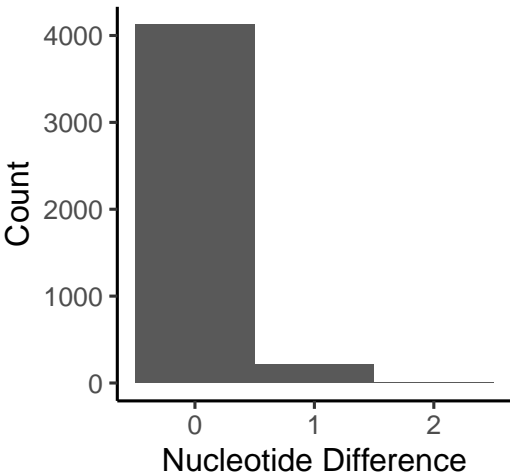
TRBV5-6*ap01

5725 sequences assigned
5714 (99.8%) exact matches, in which:
5709 unique CDR3
13 unique J



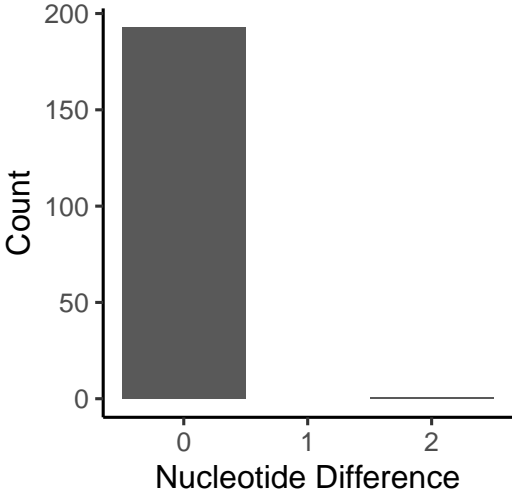
TRBV6-1*ap01

4338 sequences assigned
4124 (95.1%) exact matches, in which:
4118 unique CDR3
13 unique J



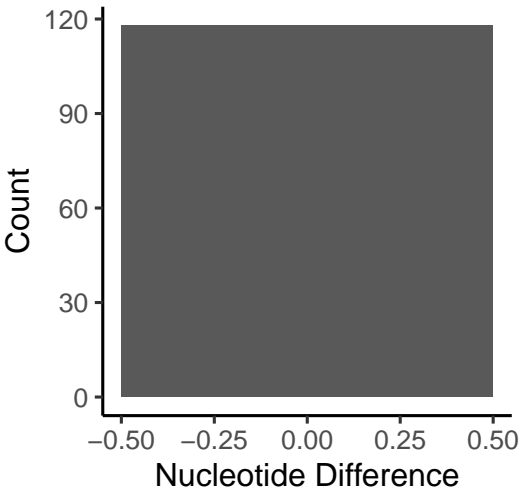
TRBV6-8*ap01

194 sequences assigned
193 (99.5%) exact matches, in which:
193 unique CDR3
13 unique J



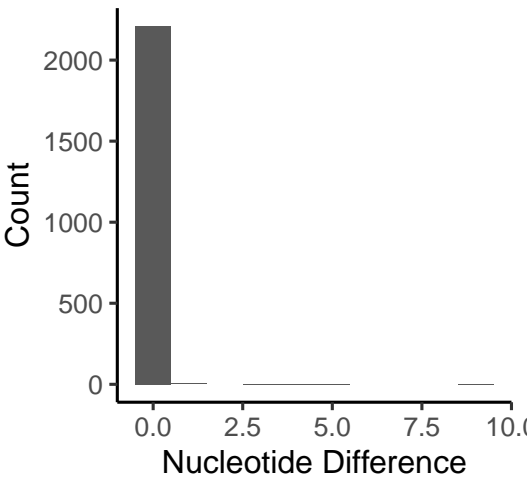
TRBV5-7*ap01

118 sequences assigned
118 (100%) exact matches, in which:
118 unique CDR3
13 unique J



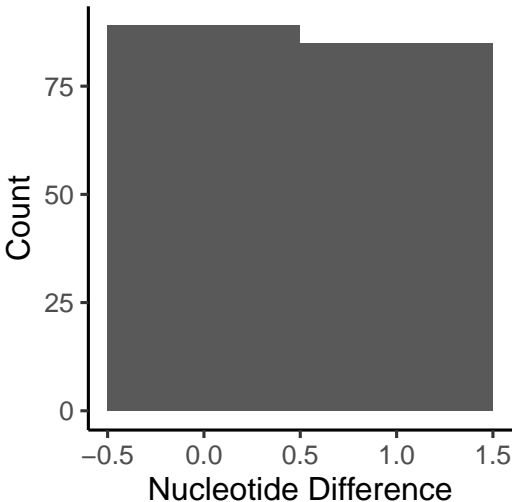
TRBV6-4*ap01

2223 sequences assigned
2210 (99.4%) exact matches, in which:
2209 unique CDR3
13 unique J



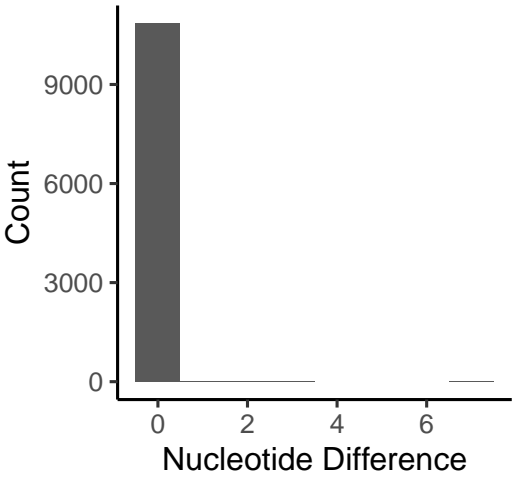
TRBV6-9*ap01

174 sequences assigned
89 (51.1%) exact matches, in which:
89 unique CDR3
12 unique J



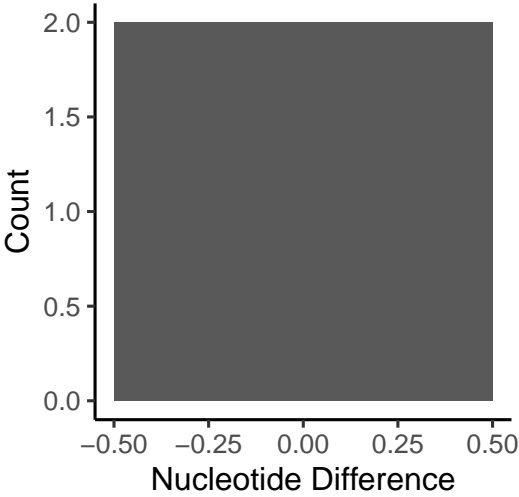
TRBV6-23*ap01

10879 sequences assigned
10849 (99.7%) exact matches, in which:
10835 unique CDR3
13 unique J



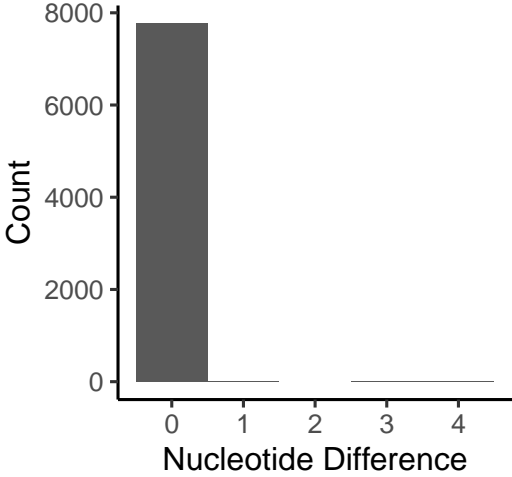
TRBV7-1*ap01

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



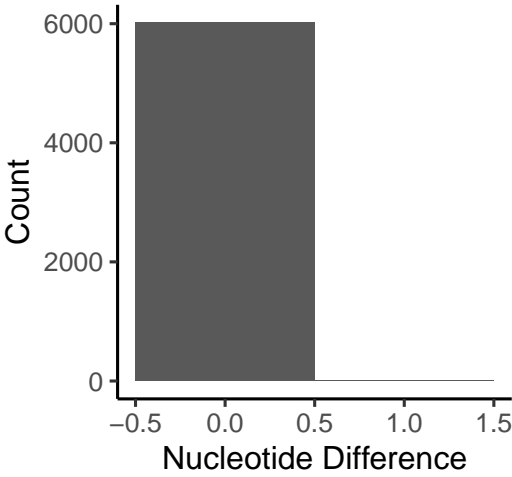
TRBV7-2*ap01

7784 sequences assigned
7770 (99.8%) exact matches, in which:
7769 unique CDR3
13 unique J



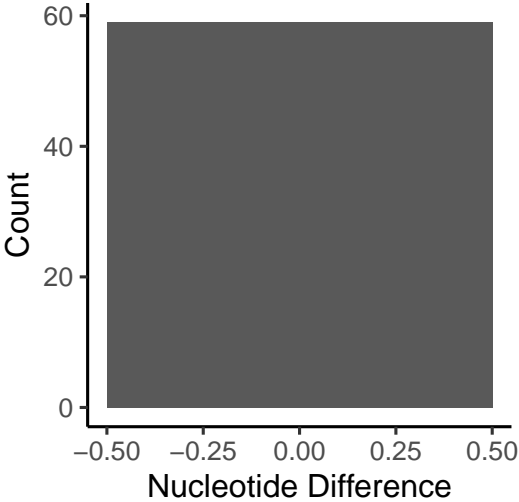
TRBV6-56*ap01

6024 sequences assigned
6016 (99.9%) exact matches, in which:
6010 unique CDR3
14 unique J



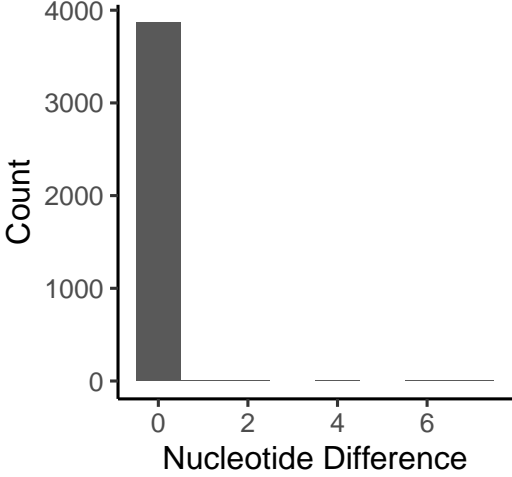
TRBV7-1*ap01_G291C_T

59 sequences assigned
59 (100%) exact matches, in which:
59 unique CDR3
11 unique J



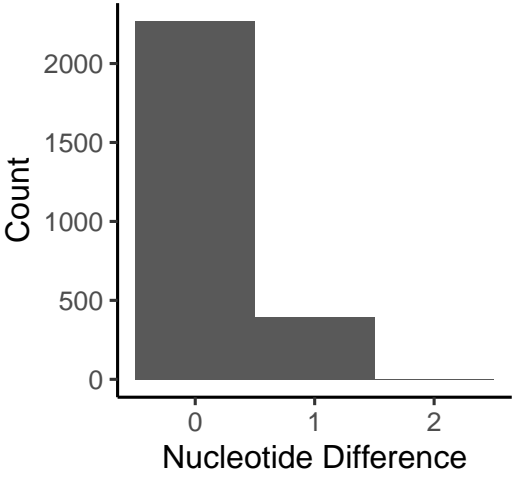
TRBV7-3*ap01

3877 sequences assigned
3865 (99.7%) exact matches, in which:
3863 unique CDR3
13 unique J



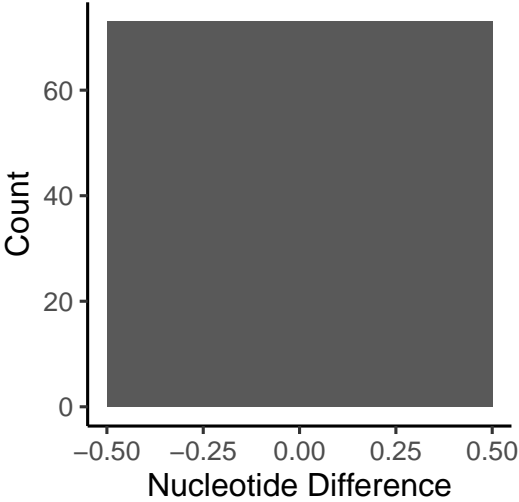
TRBV6-56*ap02

2666 sequences assigned
2269 (85.1%) exact matches, in which:
2268 unique CDR3
13 unique J



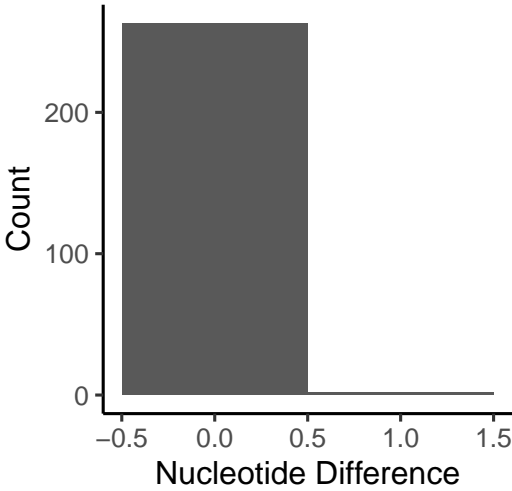
TRBV7-1*ap01_G291C_T

73 sequences assigned
73 (100%) exact matches, in which:
73 unique CDR3
12 unique J



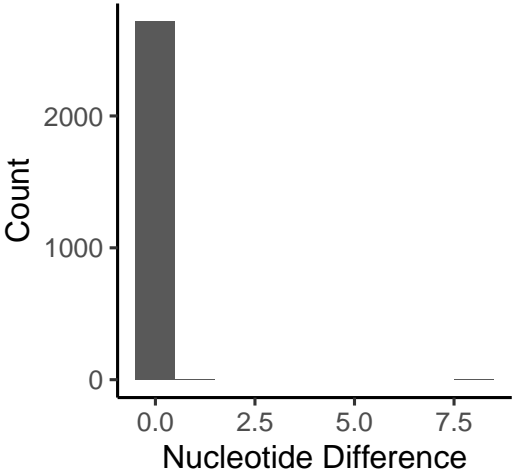
TRBV7-4*ap01

265 sequences assigned
263 (99.2%) exact matches, in which:
263 unique CDR3
13 unique J



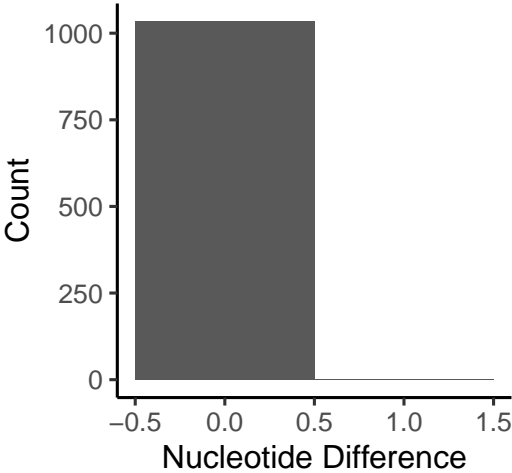
TRBV7-6*ap01

2721 sequences assigned
2717 (99.9%) exact matches, in which:
2717 unique CDR3
13 unique J



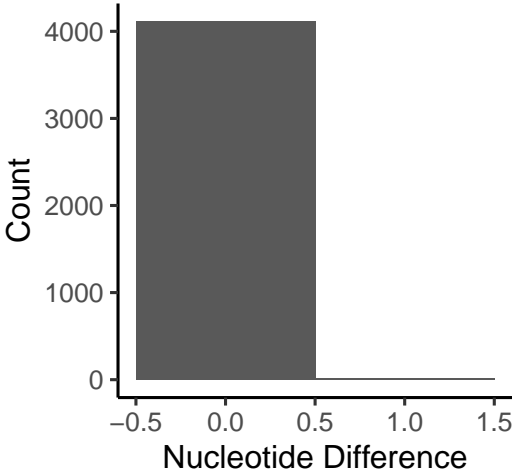
TRBV7-8*ap01

1035 sequences assigned
1034 (99.9%) exact matches, in which:
1034 unique CDR3
13 unique J



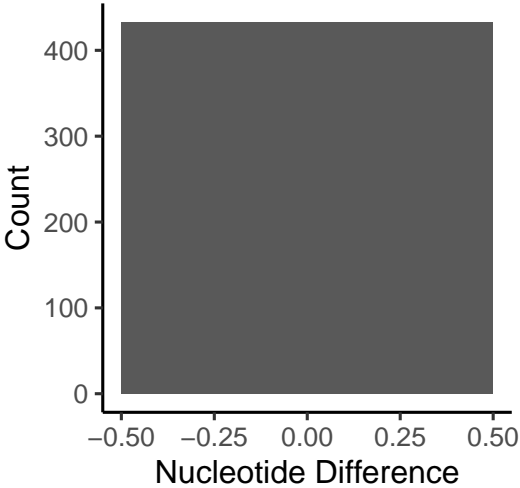
TRBV29-1*ap01

4126 sequences assigned
4114 (99.7%) exact matches, in which:
4099 unique CDR3
13 unique J



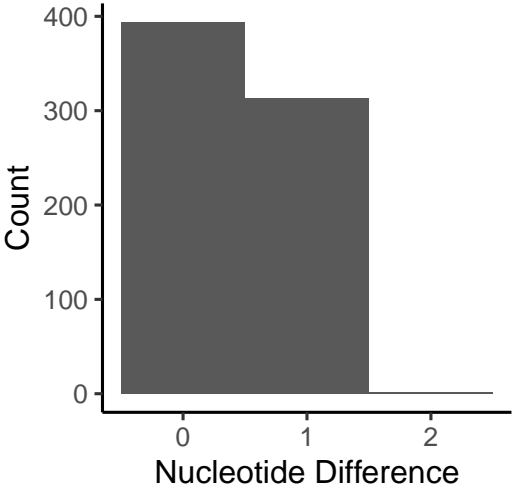
TRBV7-7*ap01

433 sequences assigned
433 (100%) exact matches, in which:
433 unique CDR3
12 unique J



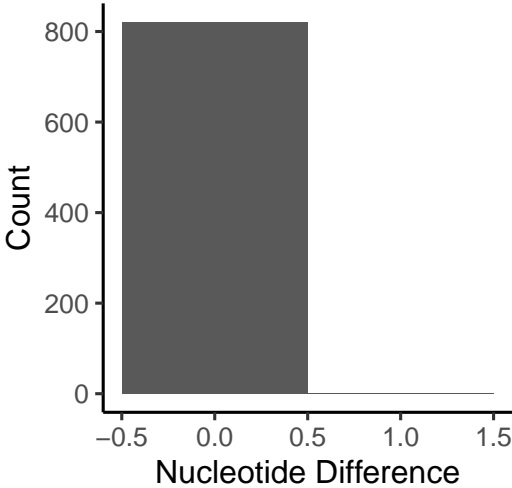
TRBV7-8*ap03

709 sequences assigned
394 (55.6%) exact matches, in which:
394 unique CDR3
13 unique J



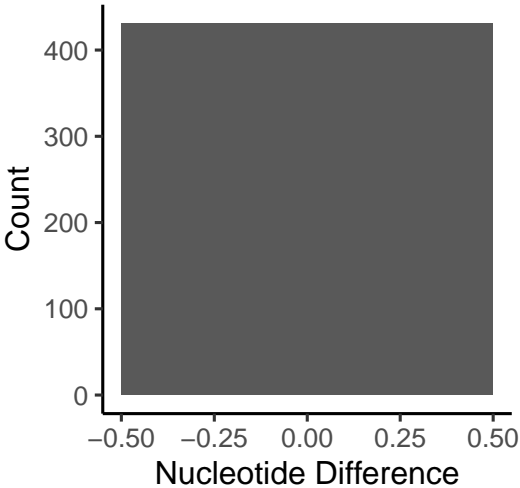
TRBV29-1*ap02

823 sequences assigned
821 (99.8%) exact matches, in which:
814 unique CDR3
13 unique J



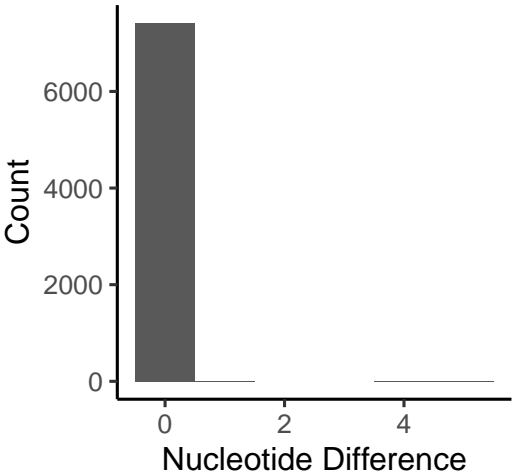
TRBV7-7*ap01_C315T

431 sequences assigned
431 (100%) exact matches, in which:
431 unique CDR3
13 unique J

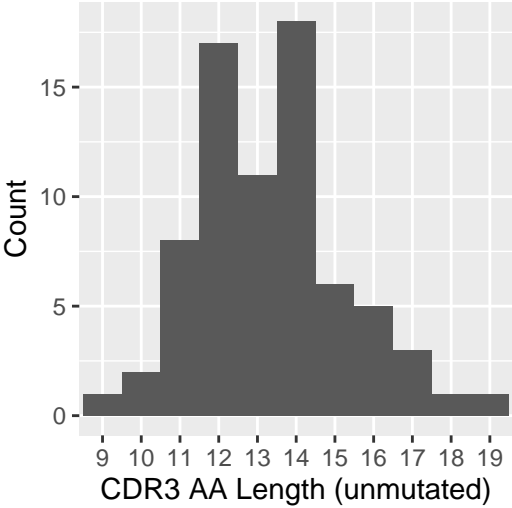


TRBV7-9*ap01

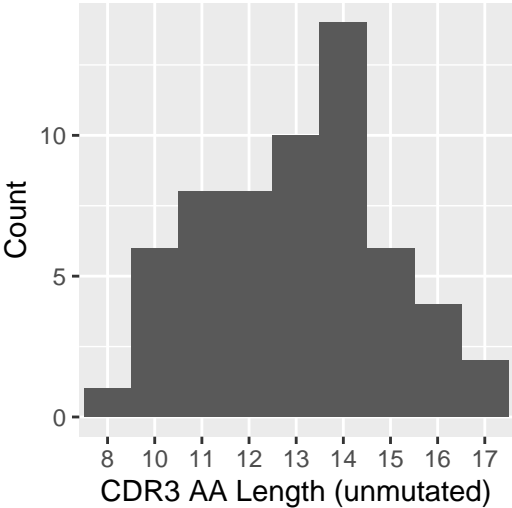
7427 sequences assigned
7416 (99.9%) exact matches, in which:
7415 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T

