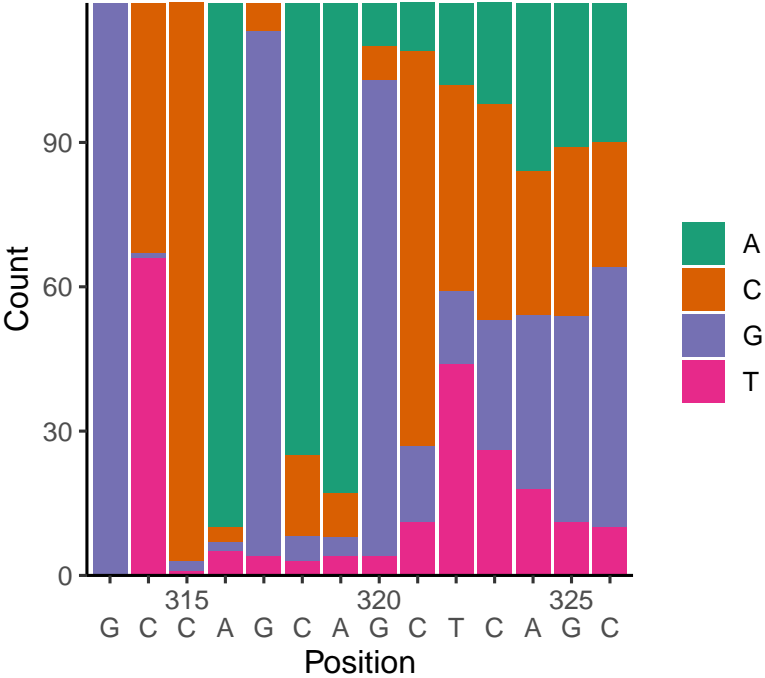
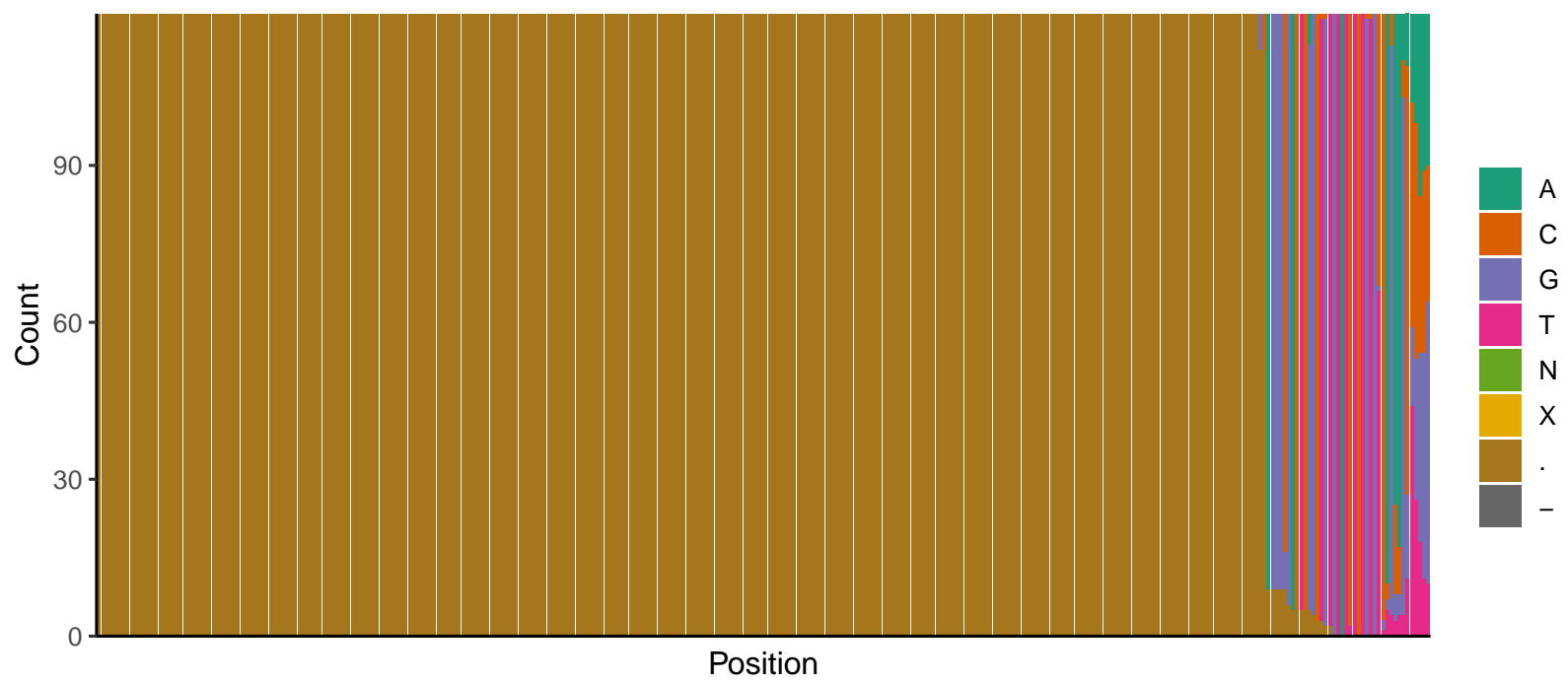


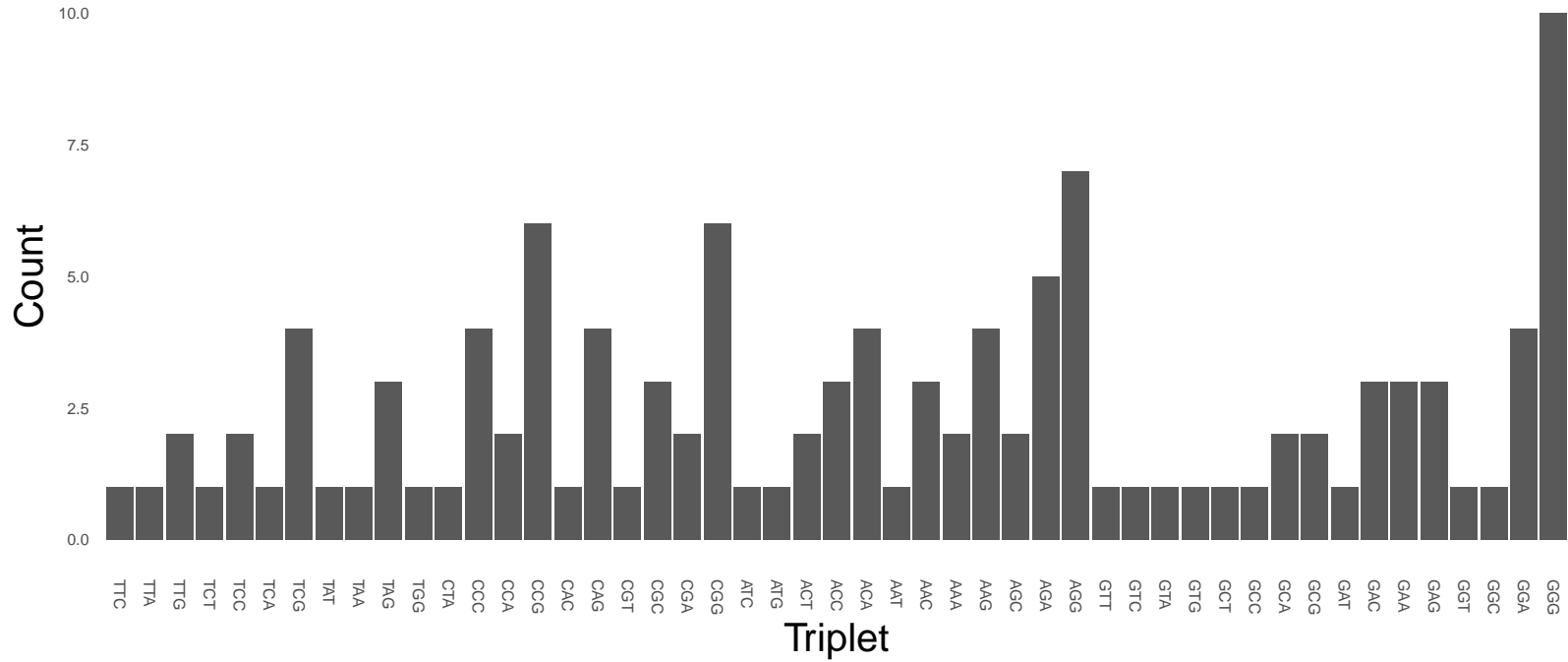
Gene TRBV7-1*ap01_T296C



Gene TRBV7-1*ap01_T296C

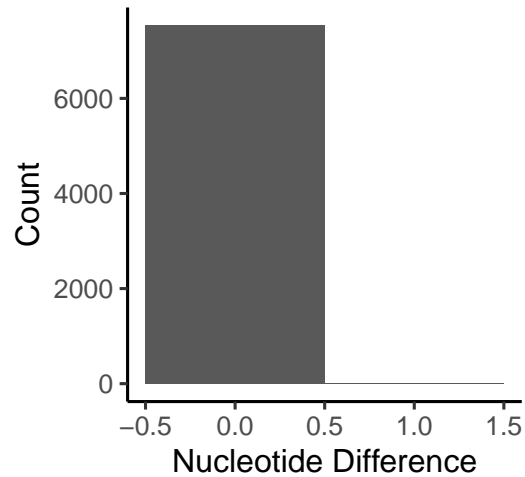


TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet



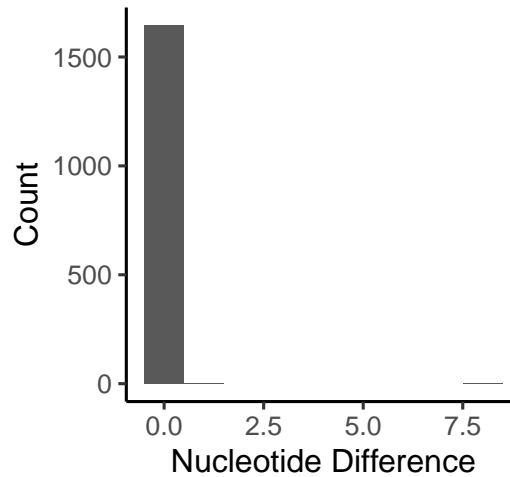
TRBV20-1*ap01

7545 sequences assigned
7535 (99.9%) exact matches, in which:
7529 unique CDR3
14 unique J



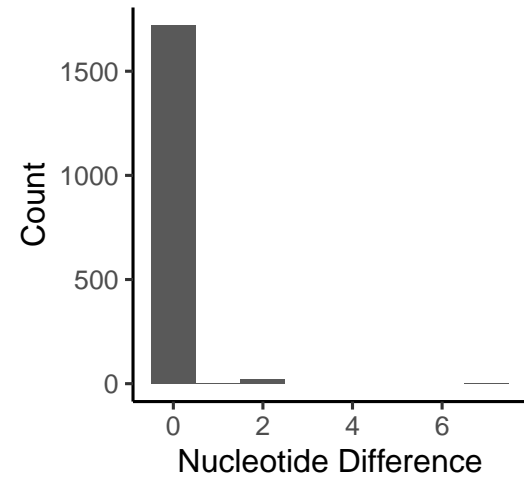
TRBV10-2*ap01

1647 sequences assigned
1645 (99.9%) exact matches, in which:
1645 unique CDR3
14 unique J



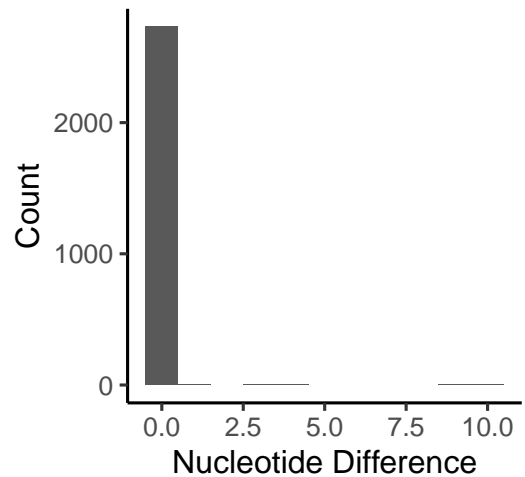
TRBV13*ap01

1747 sequences assigned
1720 (98.5%) exact matches, in which:
1718 unique CDR3
14 unique J



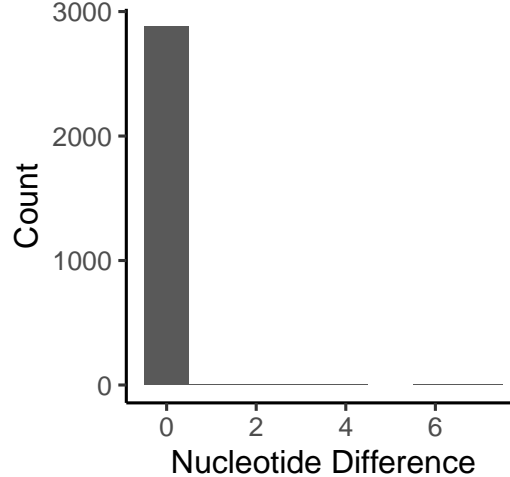
TRBV10-1*ap01

2738 sequences assigned
2731 (99.7%) exact matches, in which:
2731 unique CDR3
14 unique J



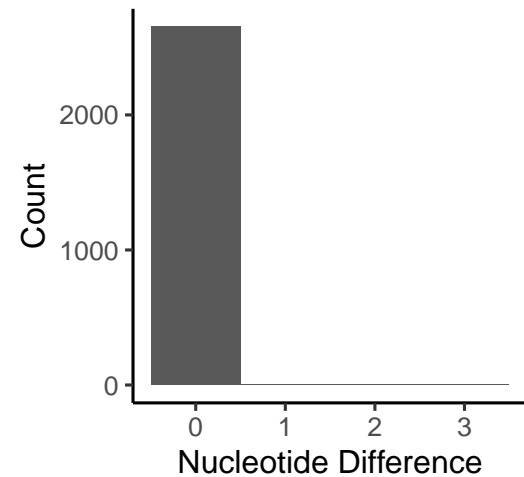
TRBV10-3*ap01

2888 sequences assigned
2878 (99.7%) exact matches, in which:
2878 unique CDR3
14 unique J



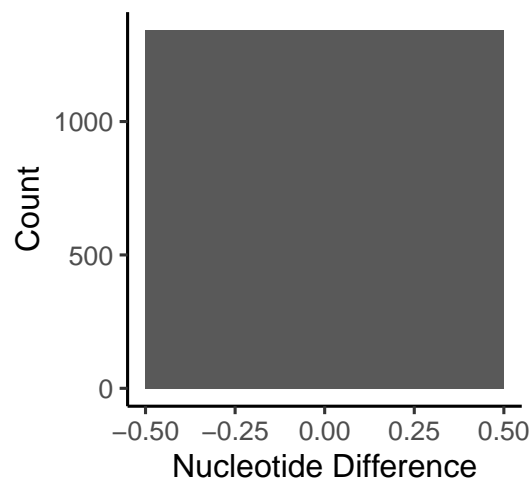
TRBV14*ap01

2659 sequences assigned
2653 (99.8%) exact matches, in which:
2652 unique CDR3
14 unique J



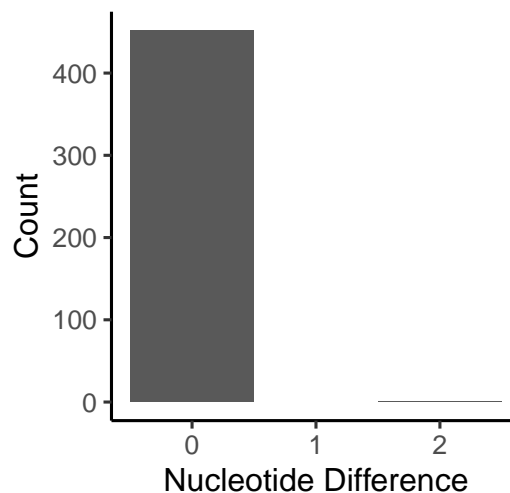
TRBV20-1*ap02

1343 sequences assigned
1343 (100%) exact matches, in which:
1342 unique CDR3
14 unique J



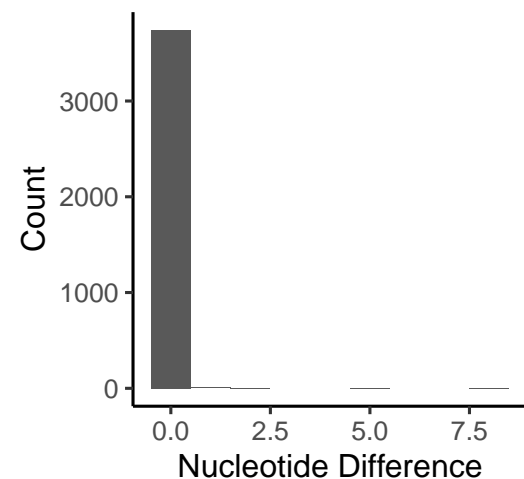
TRBV1*ap01

453 sequences assigned
452 (99.8%) exact matches, in which:
451 unique CDR3
14 unique J



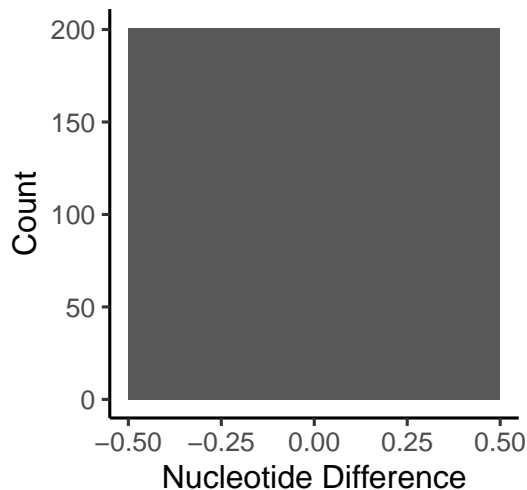
TRBV15*ap02

3751 sequences assigned
3741 (99.7%) exact matches, in which:
3739 unique CDR3
14 unique J



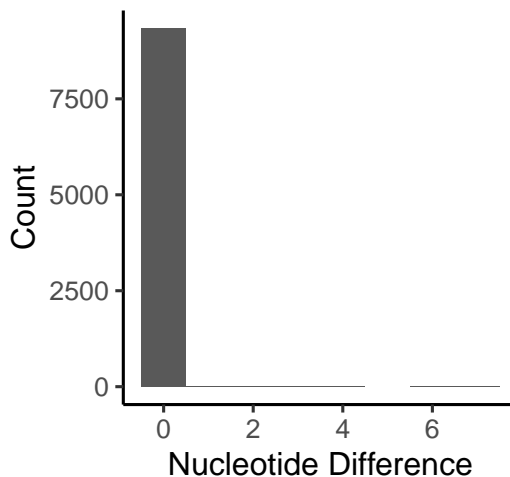
TRBV16*ap01

201 sequences assigned
201 (100%) exact matches, in which:
201 unique CDR3
14 unique J



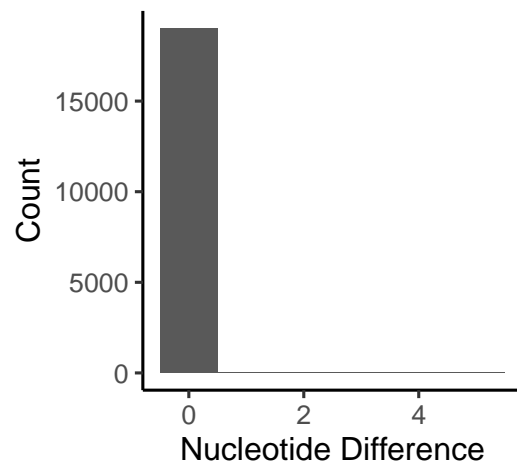
TRBV2*ap01

9366 sequences assigned
9335 (99.7%) exact matches, in which:
9327 unique CDR3
14 unique J



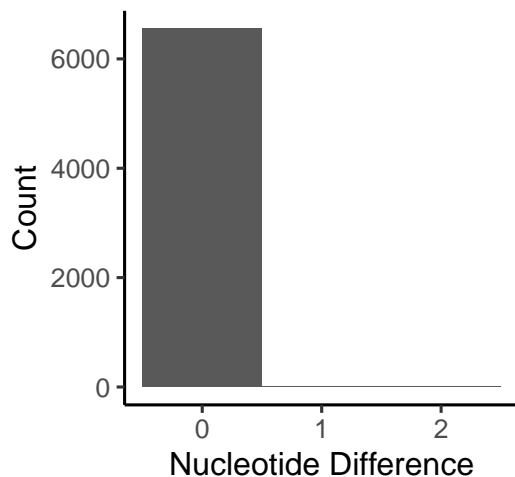
TRBV28*ap01

19059 sequences assigned
19025 (99.8%) exact matches, in which:
19022 unique CDR3
14 unique J



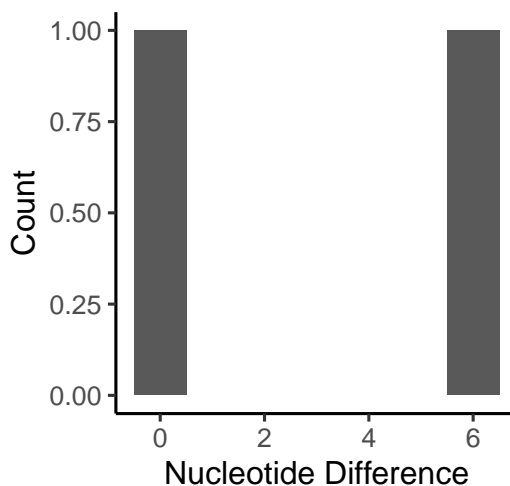
TRBV18*ap01

6555 sequences assigned
6551 (99.9%) exact matches, in which:
6550 unique CDR3
14 unique J



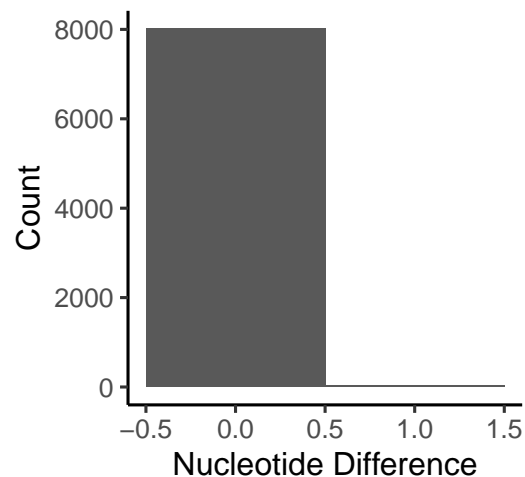
TRBV26*ap01

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



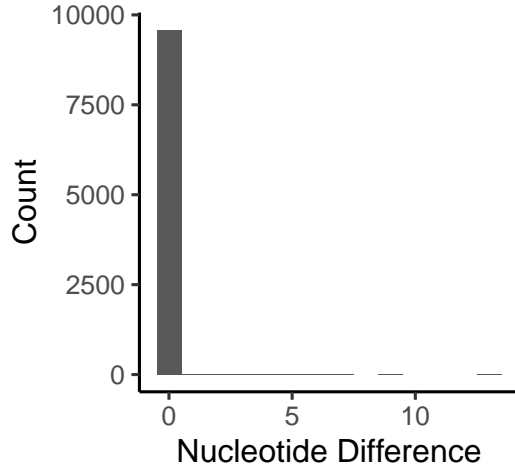
TRBV30*ap01

8047 sequences assigned
8015 (99.6%) exact matches, in which:
8005 unique CDR3
14 unique J



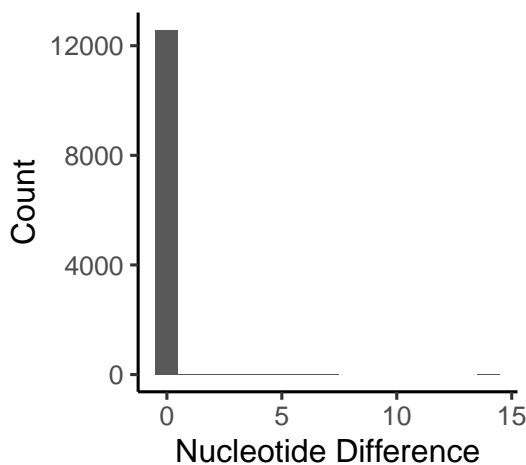
TRBV19*ap01

9613 sequences assigned
9586 (99.7%) exact matches, in which:
9586 unique CDR3
14 unique J



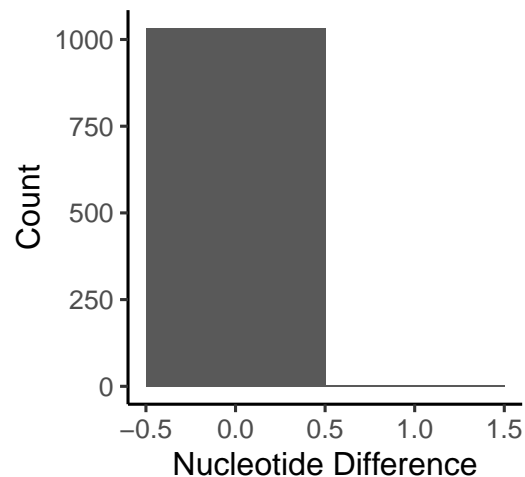
TRBV27*ap01

12625 sequences assigned
12581 (99.7%) exact matches, in which:
12557 unique CDR3
14 unique J



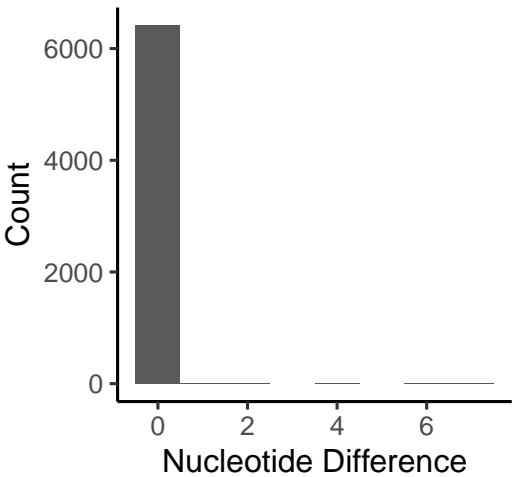
TRBV30*ap03

1037 sequences assigned
1033 (99.6%) exact matches, in which:
1033 unique CDR3
14 unique J



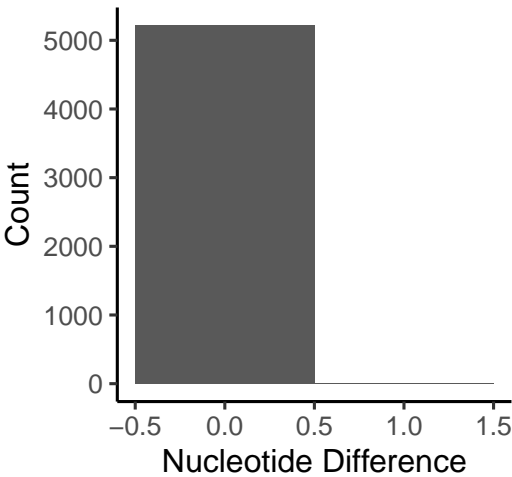
TRBV9*ap01

6434 sequences assigned
6415 (99.7%) exact matches, in which:
6413 unique CDR3
14 unique J



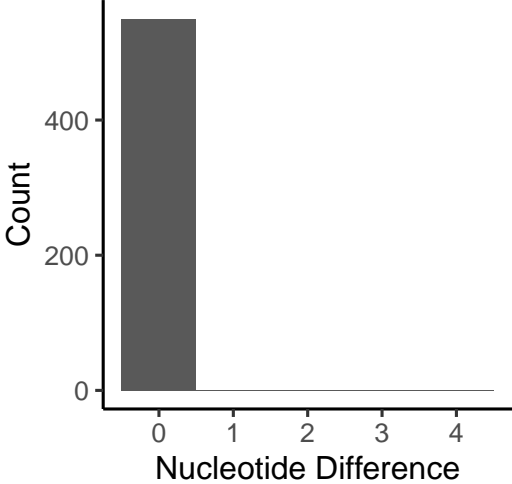
TRBV11-2*ap01

5219 sequences assigned
5217 (100%) exact matches, in which:
5215 unique CDR3
14 unique J



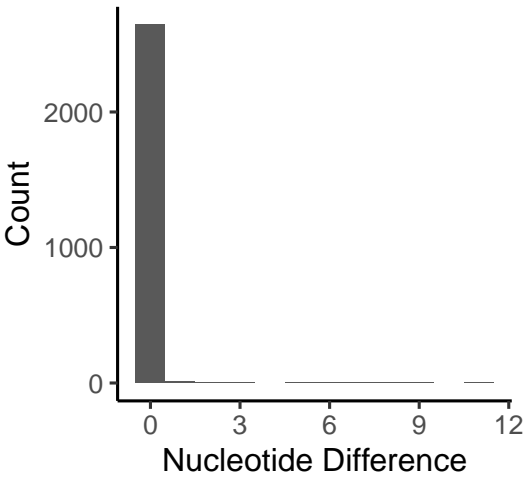
TRBV12-2*ap01

554 sequences assigned
550 (99.3%) exact matches, in which:
550 unique CDR3
14 unique J



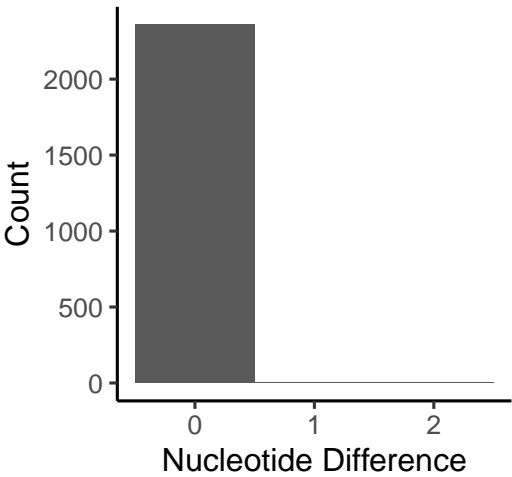
TRBV21-1*ap01

2678 sequences assigned
2644 (98.7%) exact matches, in which:
2644 unique CDR3
14 unique J



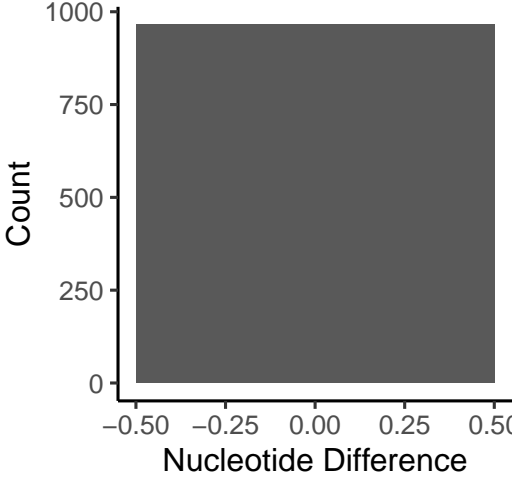
TRBV11-3*ap01

2362 sequences assigned
2358 (99.8%) exact matches, in which:
2358 unique CDR3
14 unique J



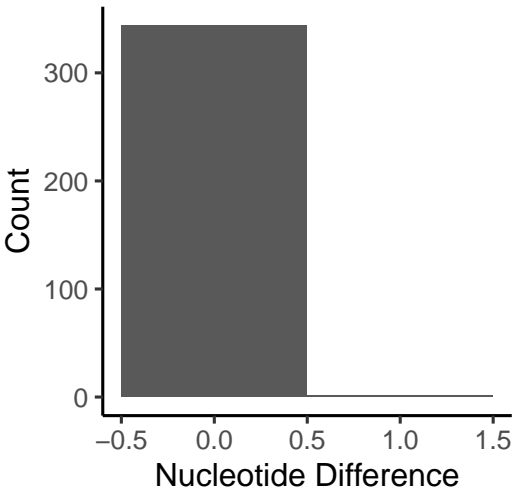
TRBV12-5*ap01

965 sequences assigned
965 (100%) exact matches, in which:
965 unique CDR3
14 unique J



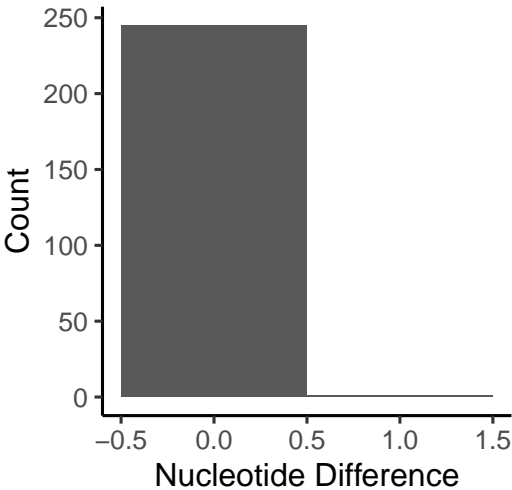
TRBV11-1*ap01

345 sequences assigned
344 (99.7%) exact matches, in which:
344 unique CDR3
14 unique J



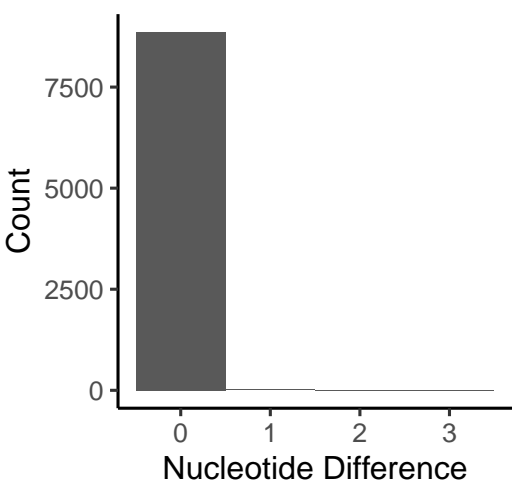
TRBV12-1*ap01

246 sequences assigned
245 (99.6%) exact matches, in which:
245 unique CDR3
14 unique J



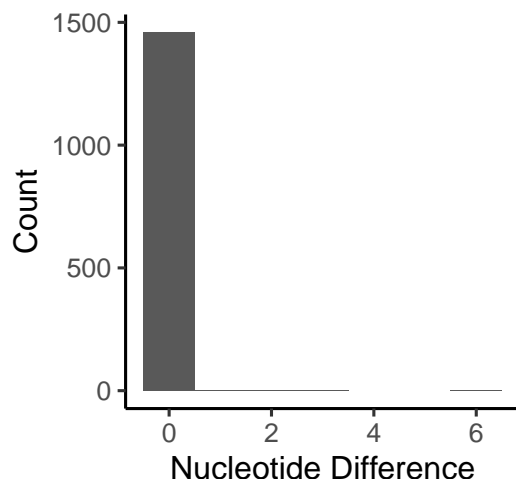
TRBV12-34*ap01

8881 sequences assigned
8861 (99.8%) exact matches, in which:
8860 unique CDR3
14 unique J



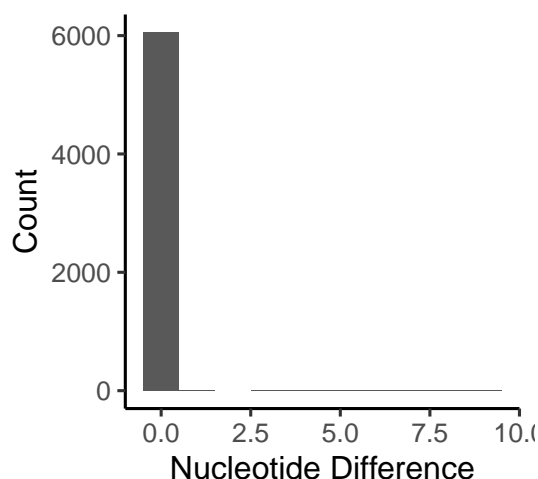
TRBV23-1*ap01

1466 sequences assigned
1459 (99.5%) exact matches, in which:
1459 unique CDR3
14 unique J



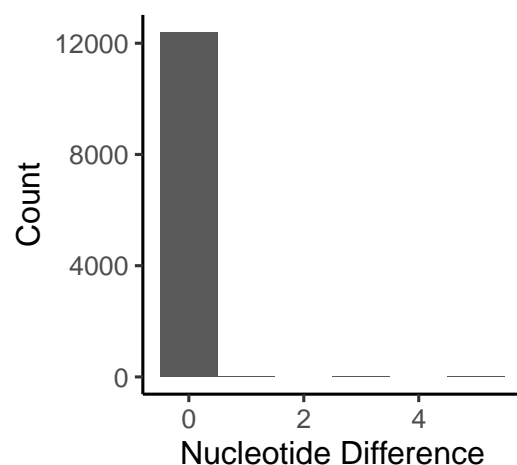
TRBV24-1*ap01

6079 sequences assigned
6054 (99.6%) exact matches, in which:
6040 unique CDR3
14 unique J



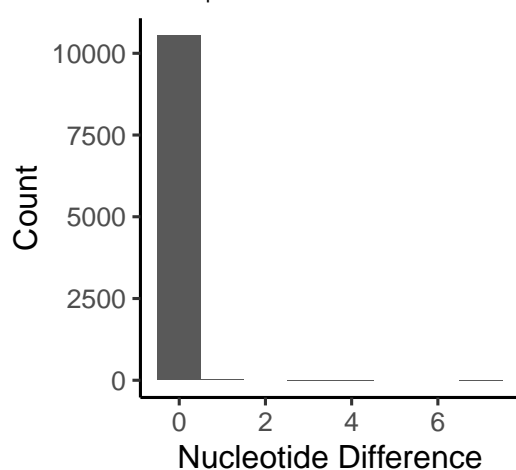
TRBV5-1*ap01

12421 sequences assigned
12398 (99.8%) exact matches, in which:
12385 unique CDR3
14 unique J



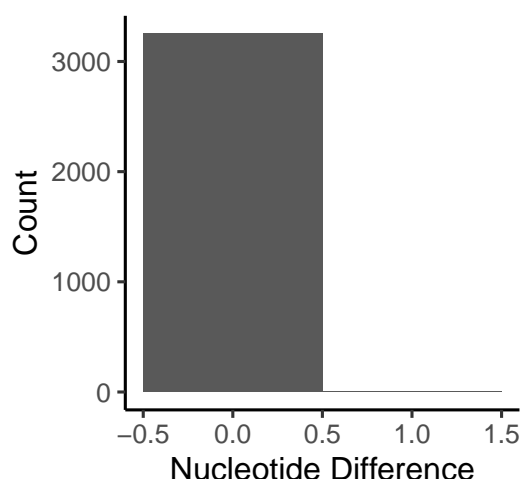
TRBV3-12*ap01

10579 sequences assigned
10545 (99.7%) exact matches, in which:
10527 unique CDR3
14 unique J



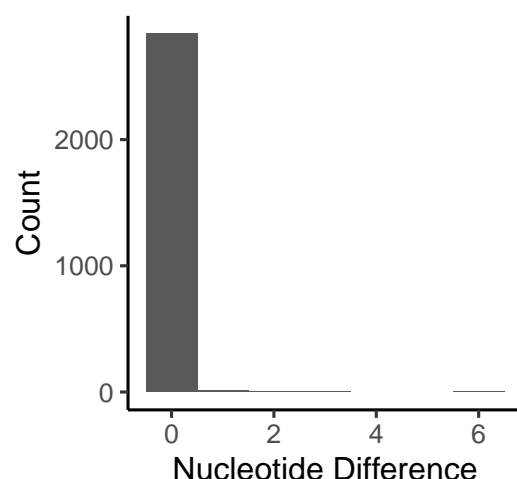
TRBV4-2*ap01

3258 sequences assigned
3252 (99.8%) exact matches, in which:
3251 unique CDR3
14 unique J



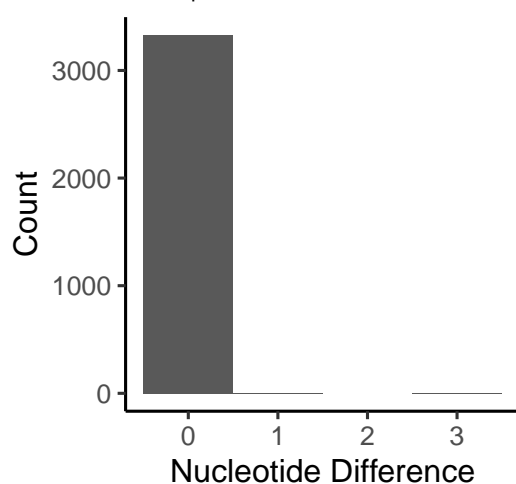
TRBV25-1*ap01

2851 sequences assigned
2839 (99.6%) exact matches, in which:
2833 unique CDR3
14 unique J



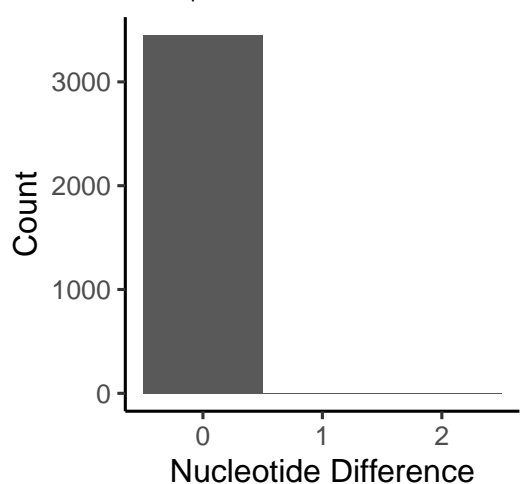
TRBV4-1*ap01

3332 sequences assigned
3329 (99.9%) exact matches, in which:
3327 unique CDR3
14 unique J



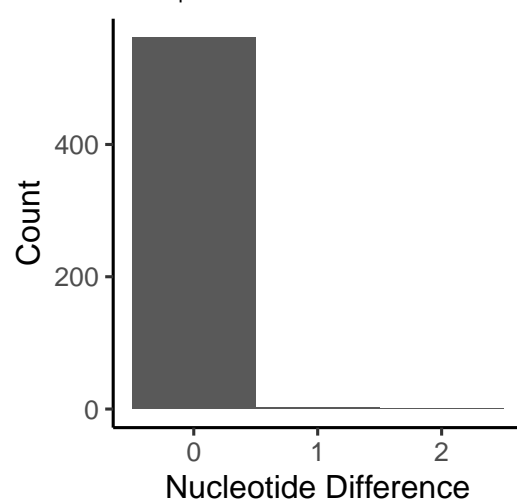
TRBV4-3*ap01

3456 sequences assigned
3451 (99.9%) exact matches, in which:
3451 unique CDR3
14 unique J



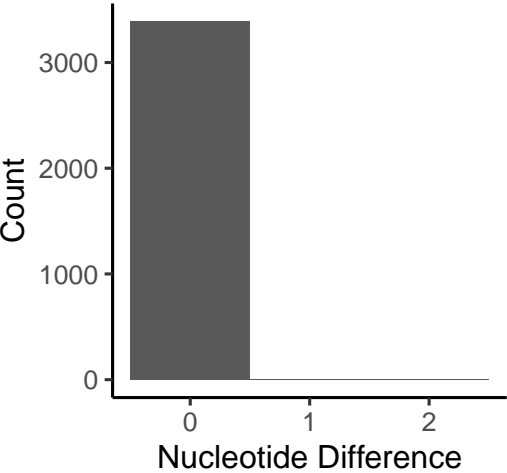
TRBV5-3*ap01

565 sequences assigned
562 (99.5%) exact matches, in which:
562 unique CDR3
14 unique J



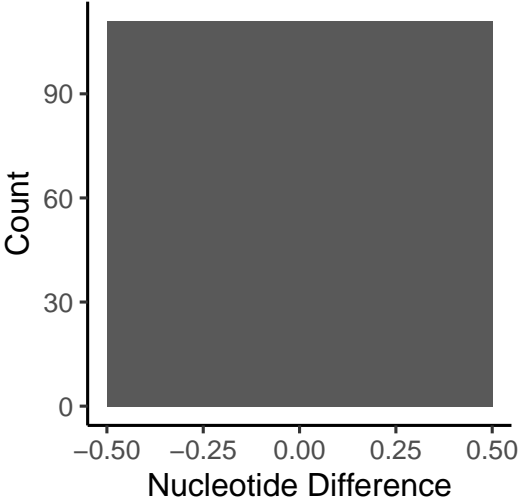
TRBV5-4*ap01

3397 sequences assigned
3389 (99.8%) exact matches, in which:
3389 unique CDR3
14 unique J



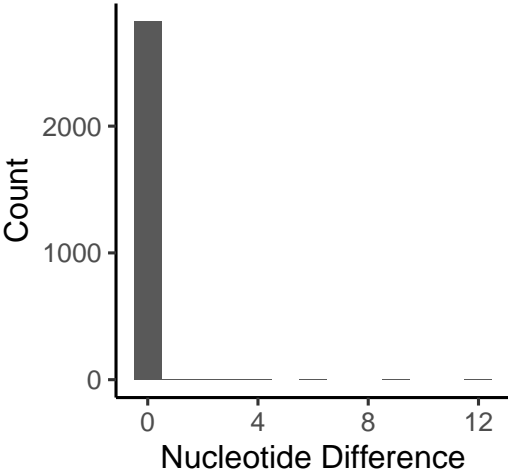
TRBV5-7*ap01

111 sequences assigned
111 (100%) exact matches, in which:
111 unique CDR3
13 unique J



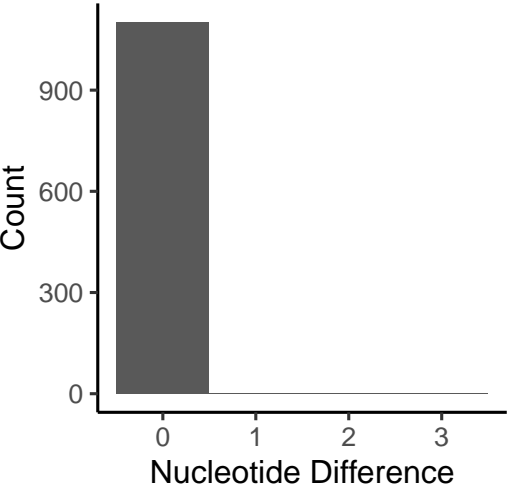
TRBV6-4*ap01

2843 sequences assigned
2826 (99.4%) exact matches, in which:
2826 unique CDR3
14 unique J



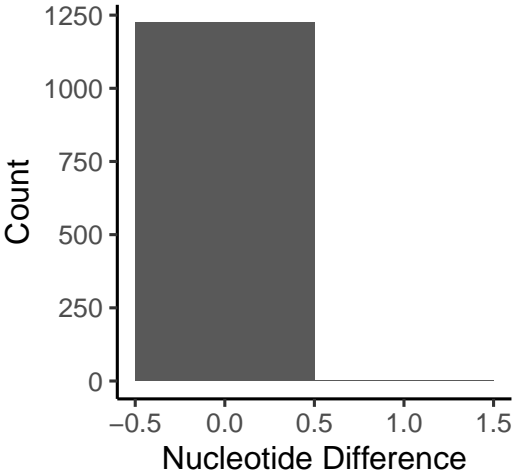
TRBV5-5*ap01

1105 sequences assigned
1102 (99.7%) exact matches, in which:
1101 unique CDR3
14 unique J



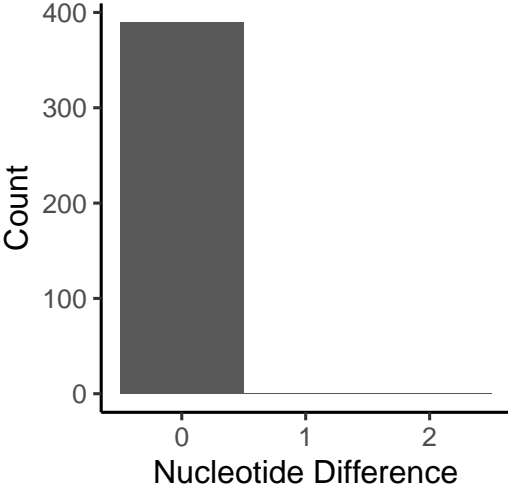
TRBV5-8*ap01

1227 sequences assigned
1224 (99.8%) exact matches, in which:
1223 unique CDR3
14 unique J



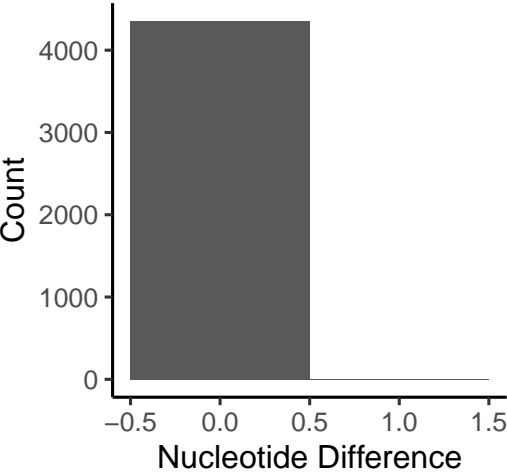
TRBV6-7*ap01

392 sequences assigned
390 (99.5%) exact matches, in which:
390 unique CDR3
14 unique J



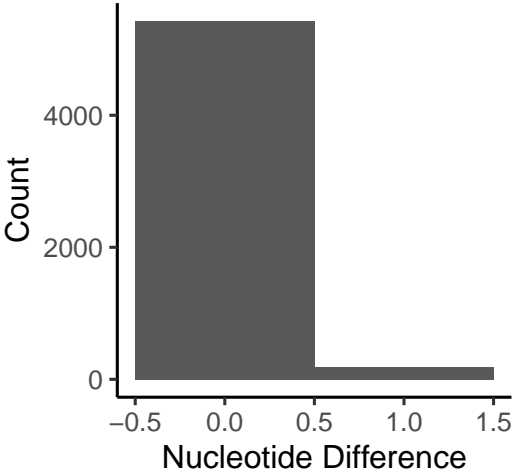
TRBV5-6*ap01

4360 sequences assigned
4354 (99.9%) exact matches, in which:
4347 unique CDR3
14 unique J



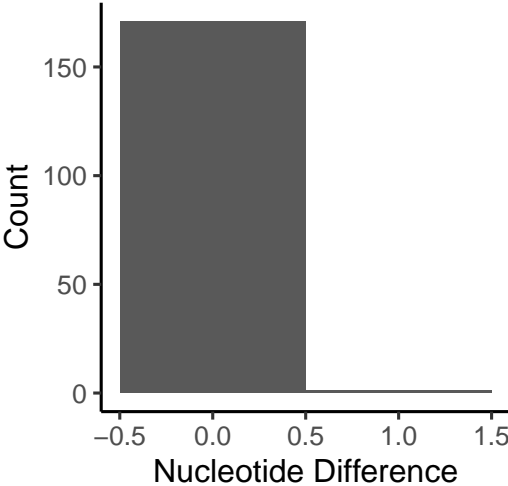
TRBV6-1*ap01

5613 sequences assigned
5427 (96.7%) exact matches, in which:
5425 unique CDR3
14 unique J



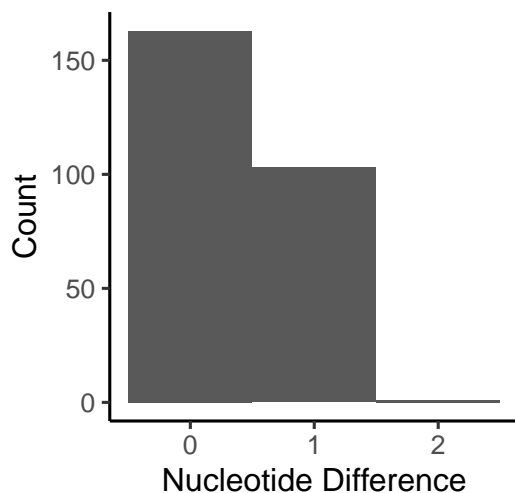
TRBV6-8*ap01

172 sequences assigned
171 (99.4%) exact matches, in which:
171 unique CDR3
14 unique J



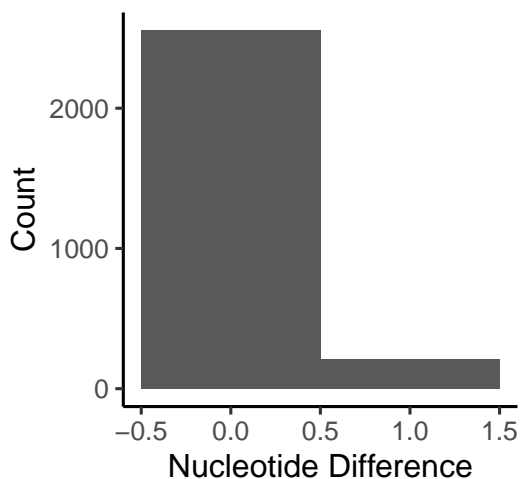
TRBV6-9*ap01

267 sequences assigned
163 (61%) exact matches, in which:
163 unique CDR3
14 unique J



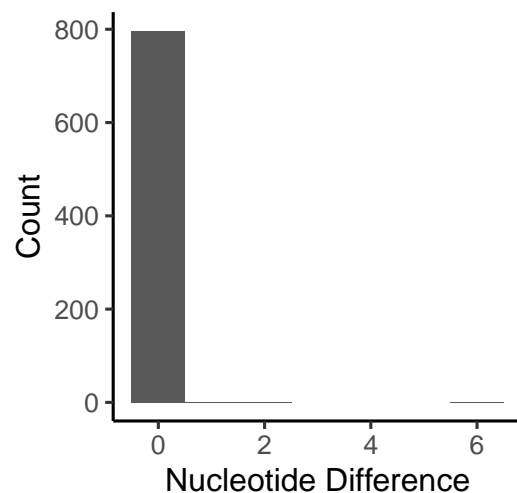
TRBV6-56*ap02

2769 sequences assigned
2555 (92.3%) exact matches, in which:
2555 unique CDR3
14 unique J



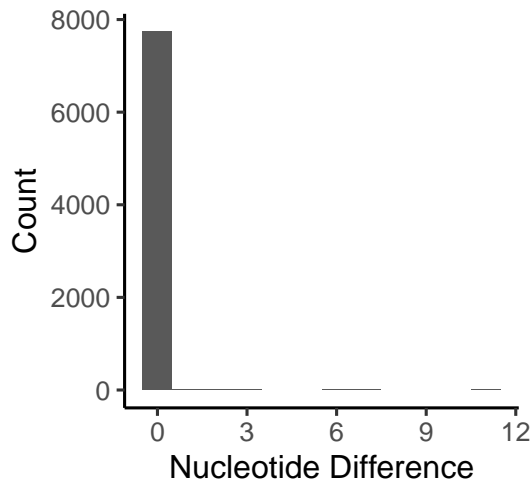
TRBV7-3*ap02

800 sequences assigned
797 (99.6%) exact matches, in which:
797 unique CDR3
12 unique J



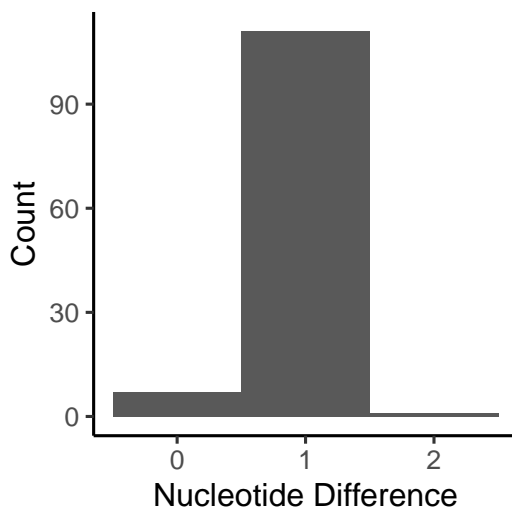
TRBV6-23*ap01

7760 sequences assigned
7737 (99.7%) exact matches, in which:
7726 unique CDR3
14 unique J



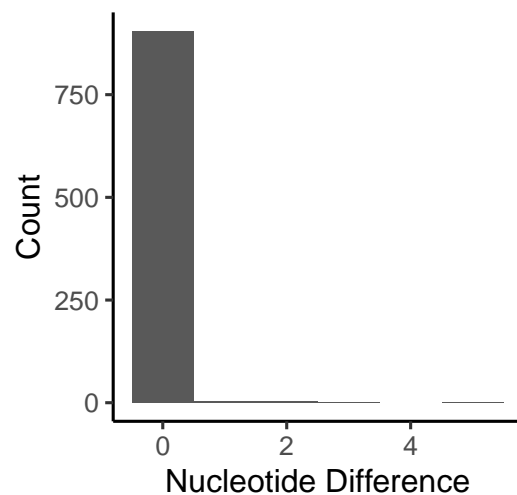
TRBV7-1*ap01_T296C

119 sequences assigned
7 (5.9%) exact matches, in which:
7 unique CDR3
5 unique J



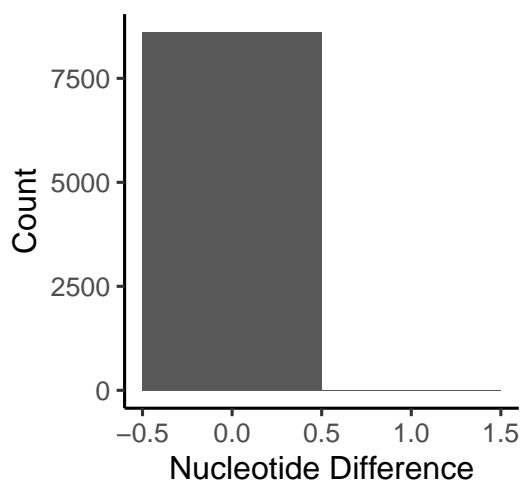
TRBV7-3*ap03

913 sequences assigned
905 (99.1%) exact matches, in which:
905 unique CDR3
13 unique J



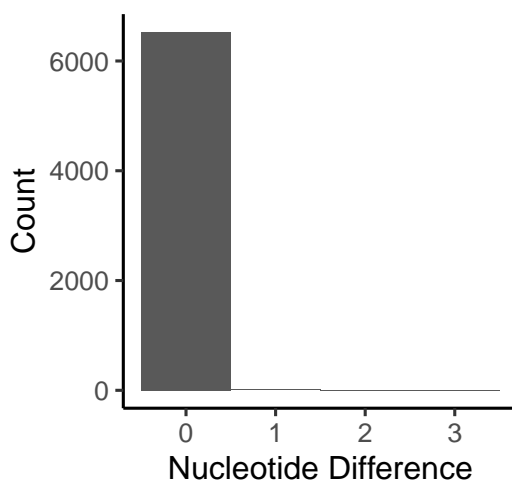
TRBV6-56*ap01

8625 sequences assigned
8613 (99.9%) exact matches, in which:
8605 unique CDR3
14 unique J



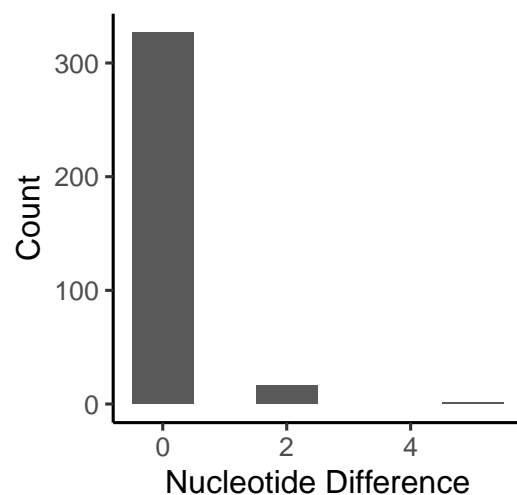
TRBV7-2*ap01

6542 sequences assigned
6527 (99.8%) exact matches, in which:
6527 unique CDR3
14 unique J



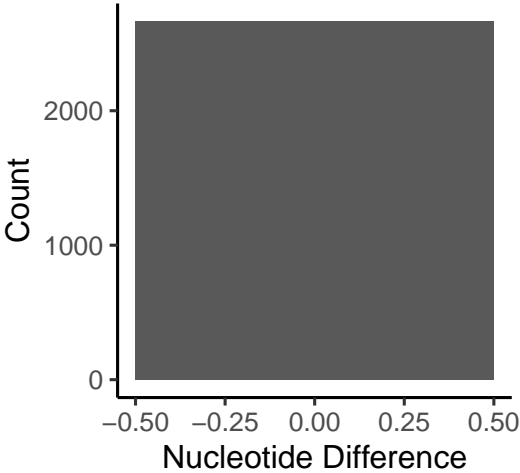
TRBV7-4*ap01

344 sequences assigned
327 (95.1%) exact matches, in which:
327 unique CDR3
14 unique J



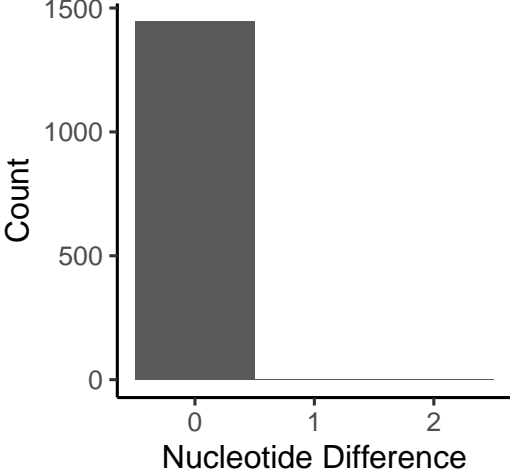
TRBV7-6*ap01

2664 sequences assigned
2664 (100%) exact matches, in which:
2664 unique CDR3
14 unique J



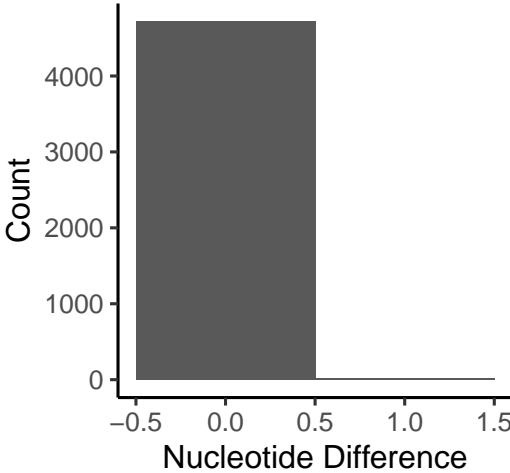
TRBV7-8*ap02

1452 sequences assigned
1446 (99.6%) exact matches, in which:
1446 unique CDR3
13 unique J



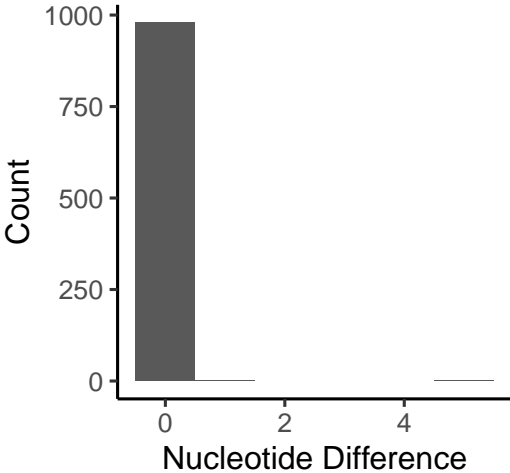
TRBV29-1*ap01

4738 sequences assigned
4719 (99.6%) exact matches, in which:
4702 unique CDR3
14 unique J



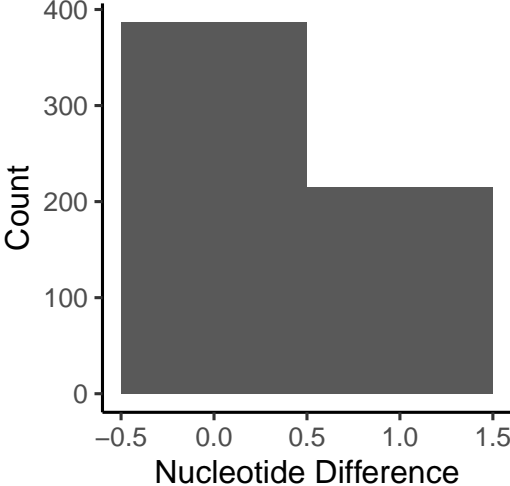
TRBV7-7*ap01

981 sequences assigned
979 (99.8%) exact matches, in which:
979 unique CDR3
14 unique J



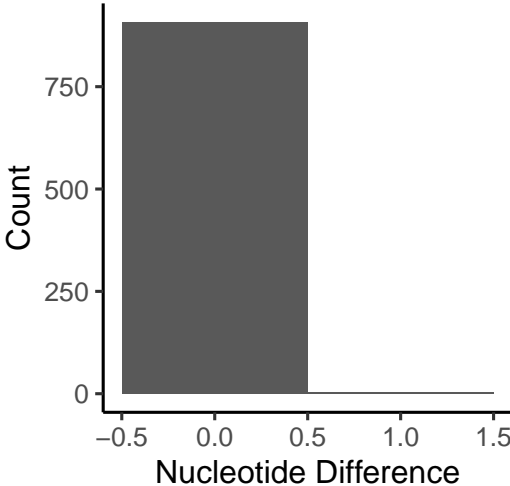
TRBV7-8*ap03

602 sequences assigned
387 (64.3%) exact matches, in which:
387 unique CDR3
13 unique J



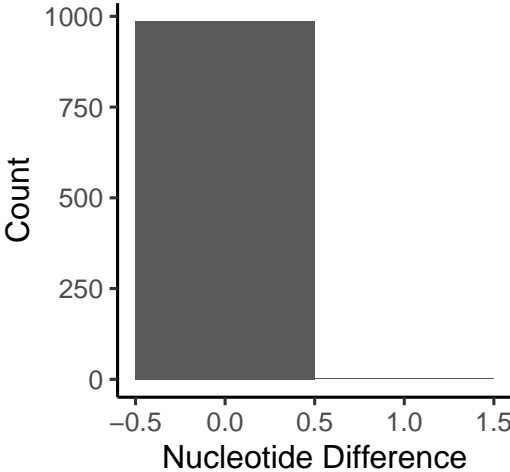
TRBV29-1*ap02

912 sequences assigned
908 (99.6%) exact matches, in which:
906 unique CDR3
14 unique J



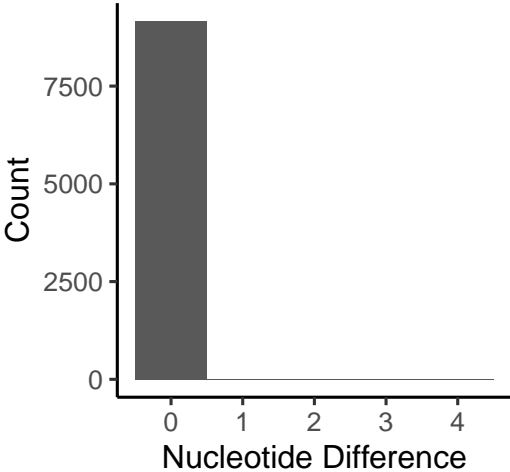
TRBV7-8*ap01

989 sequences assigned
987 (99.8%) exact matches, in which:
987 unique CDR3
13 unique J

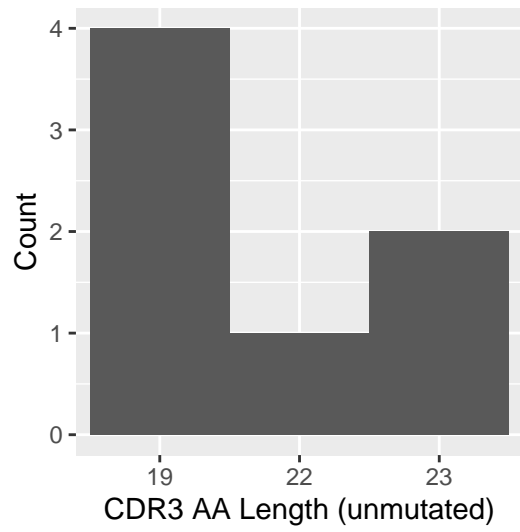


TRBV7-9*ap01

9180 sequences assigned
9164 (99.8%) exact matches, in which:
9163 unique CDR3
14 unique J



TRBV7-1*ap01_T296C



Allele Usage

