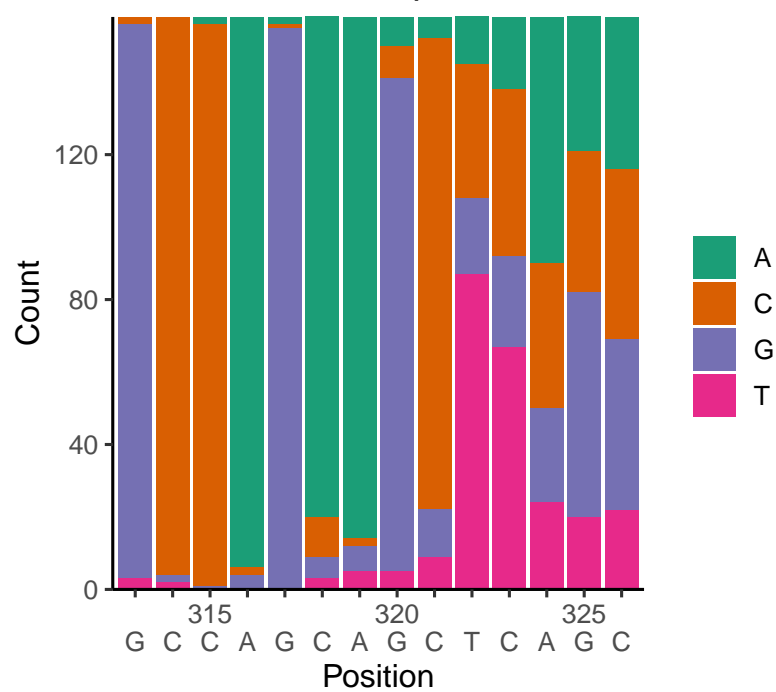
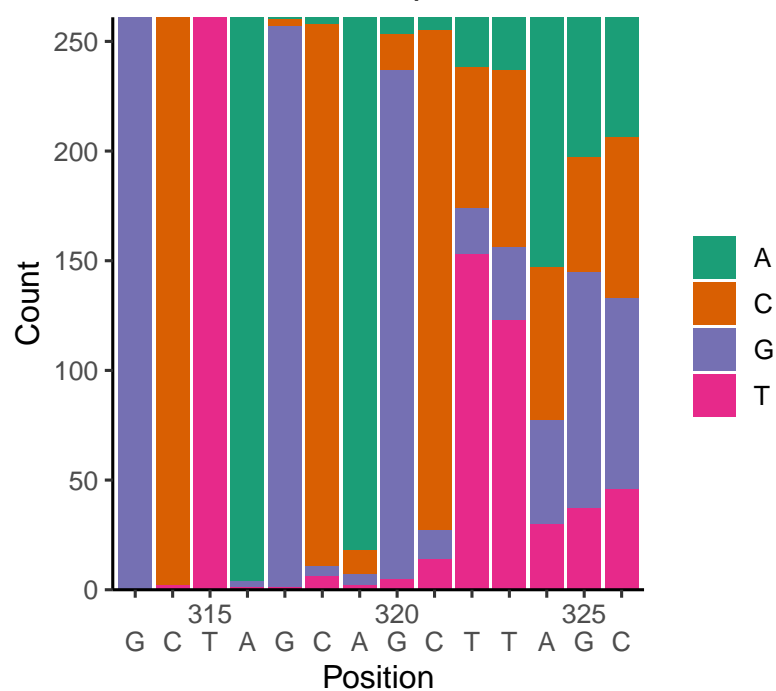


Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



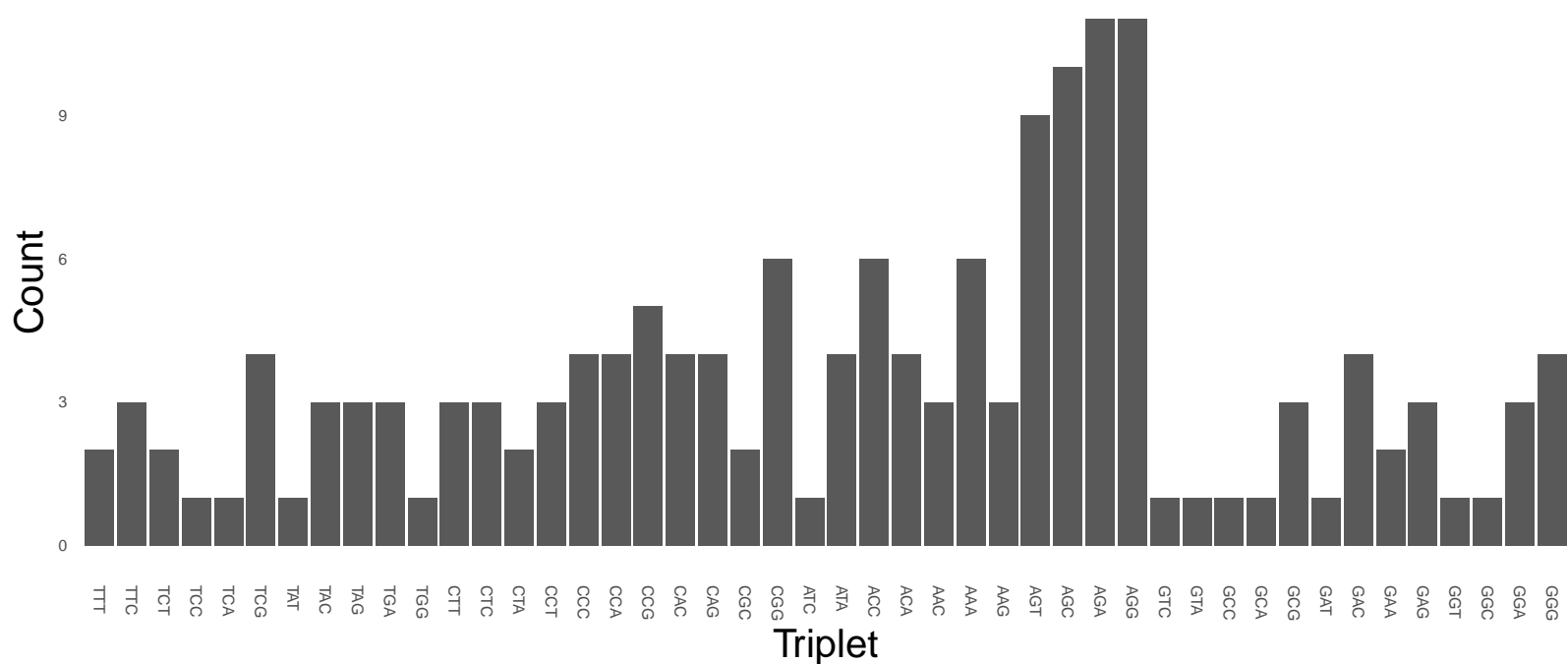
Gene TRBV7-1*ap01_G291C_T296C



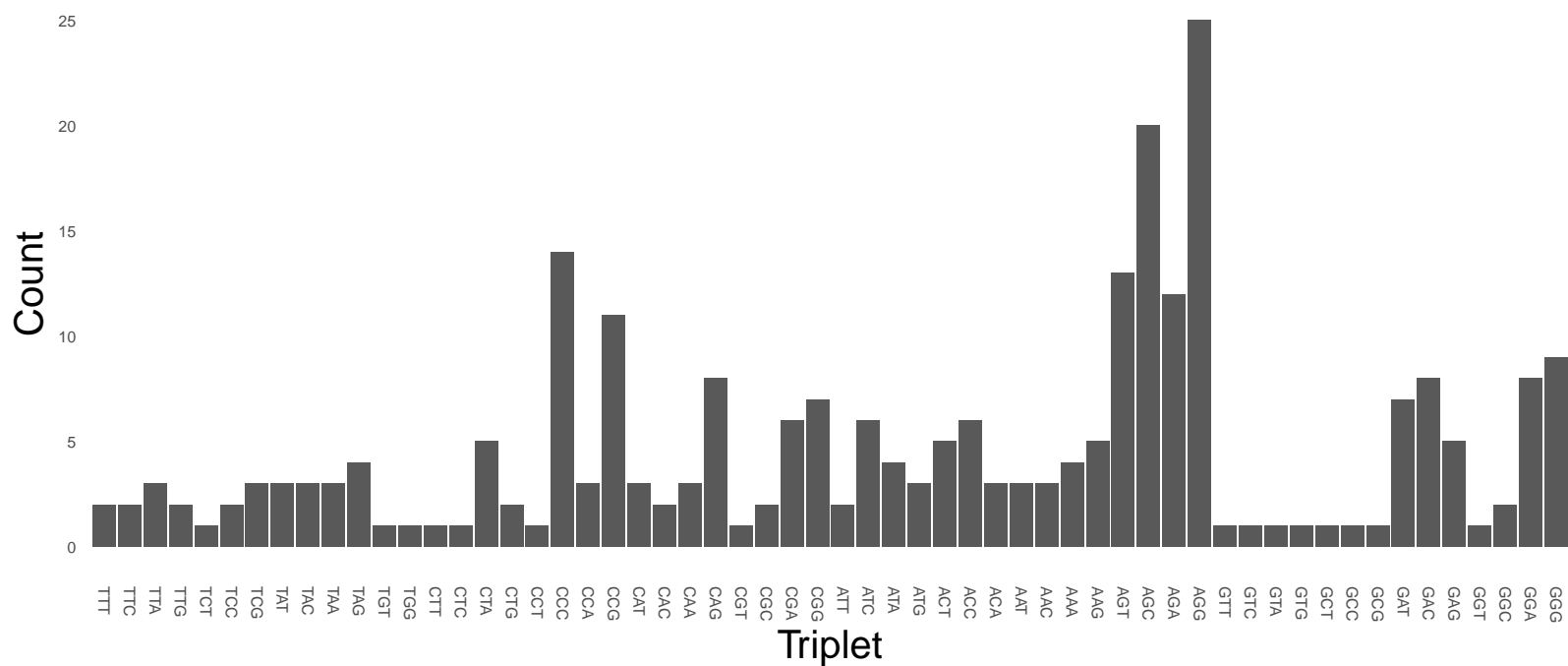
Gene TRBV7-7*ap01_C315T



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

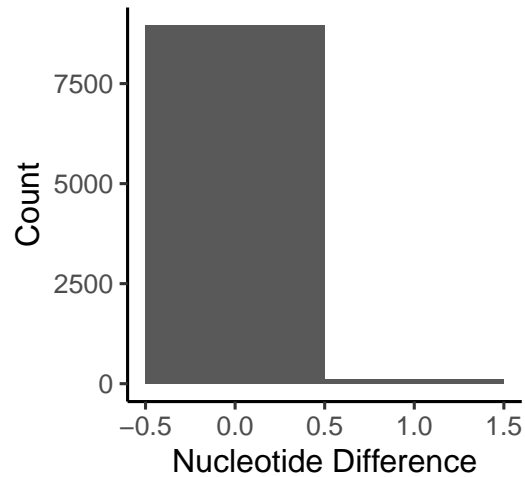


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



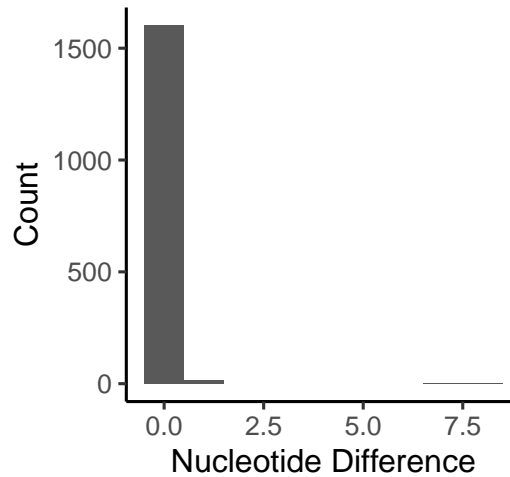
TRBV20-1*ap01

9056 sequences assigned
8954 (98.9%) exact matches, in which:
8770 unique CDR3
13 unique J



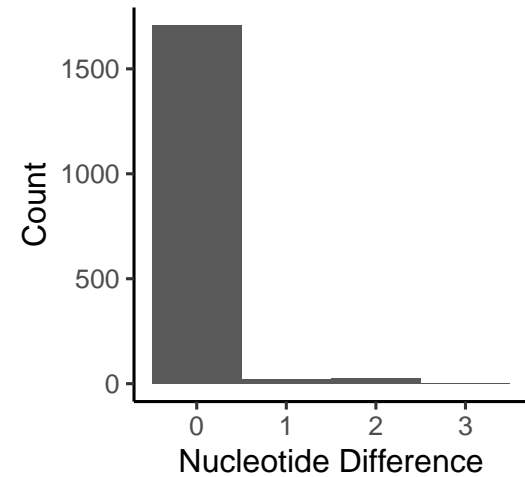
TRBV10-2*ap01

1621 sequences assigned
1602 (98.8%) exact matches, in which:
1563 unique CDR3
13 unique J



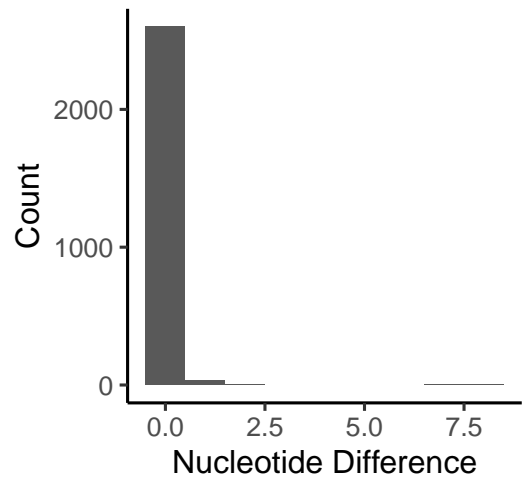
TRBV13*ap01

1753 sequences assigned
1707 (97.4%) exact matches, in which:
1643 unique CDR3
13 unique J



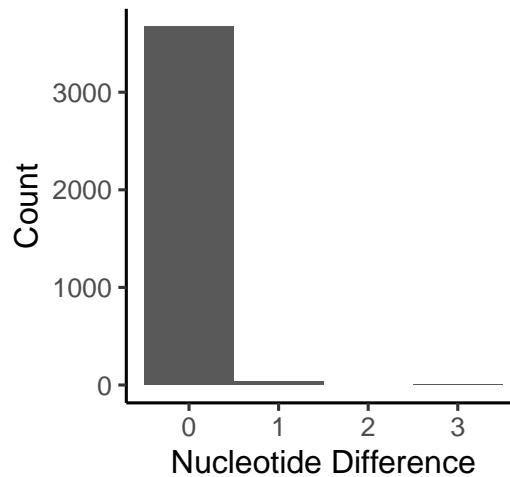
TRBV10-1*ap01

2635 sequences assigned
2600 (98.7%) exact matches, in which:
2512 unique CDR3
13 unique J



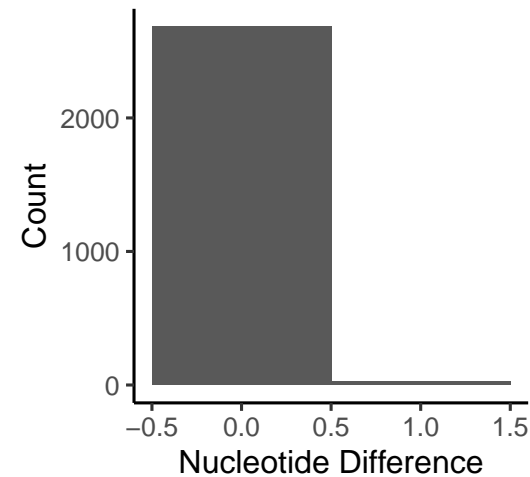
TRBV10-3*ap01

3704 sequences assigned
3671 (99.1%) exact matches, in which:
3580 unique CDR3
13 unique J



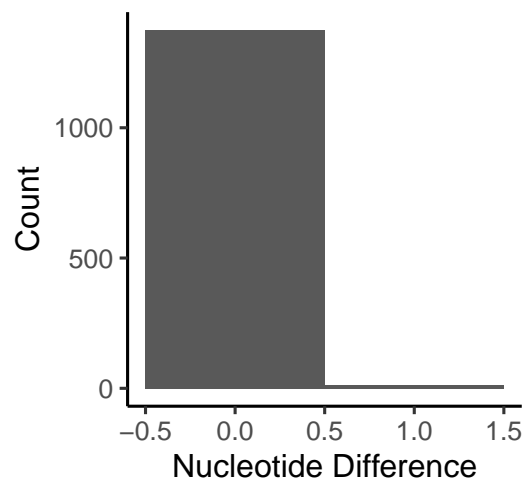
TRBV14*ap01

2710 sequences assigned
2683 (99%) exact matches, in which:
2636 unique CDR3
13 unique J



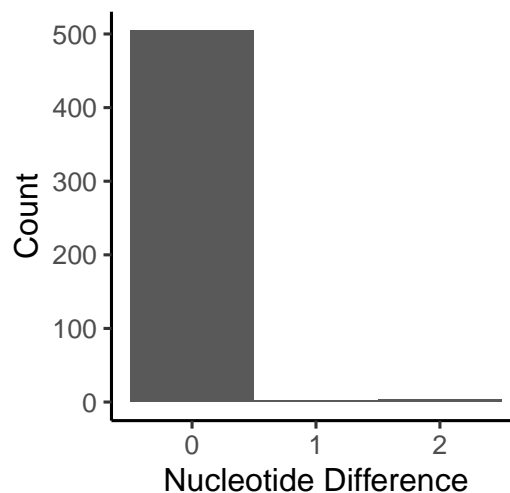
TRBV20-1*ap02

1387 sequences assigned
1375 (99.1%) exact matches, in which:
1348 unique CDR3
13 unique J



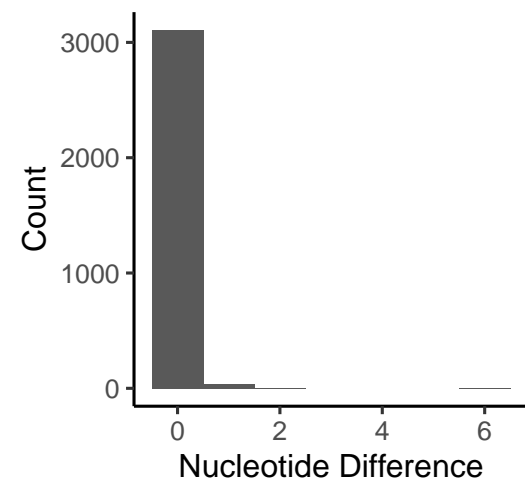
TRBV1*ap01

510 sequences assigned
505 (99%) exact matches, in which:
486 unique CDR3
13 unique J



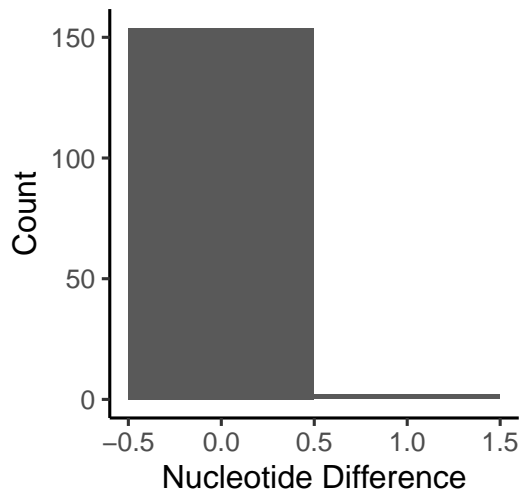
TRBV15*ap02

3145 sequences assigned
3107 (98.8%) exact matches, in which:
3025 unique CDR3
13 unique J



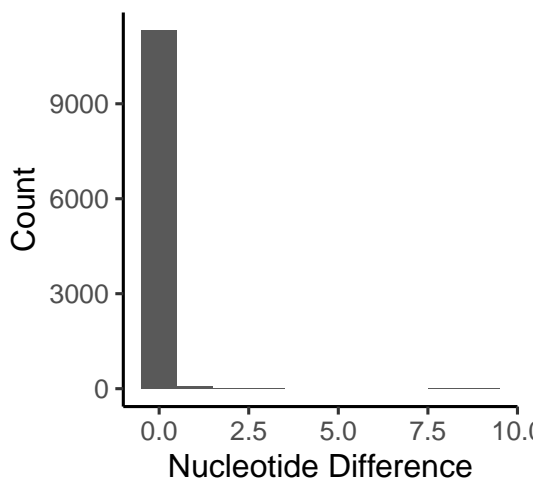
TRBV16*ap01

156 sequences assigned
154 (98.7%) exact matches, in which:
153 unique CDR3
13 unique J



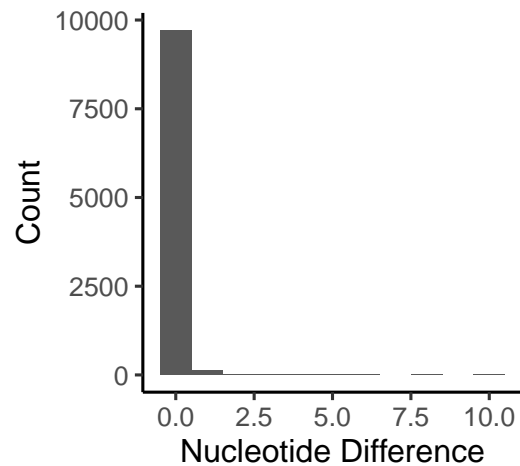
TRBV19*ap01

11413 sequences assigned
11317 (99.2%) exact matches, in which:
11208 unique CDR3
13 unique J



TRBV27*ap01

9847 sequences assigned
9715 (98.7%) exact matches, in which:
9392 unique CDR3
13 unique J



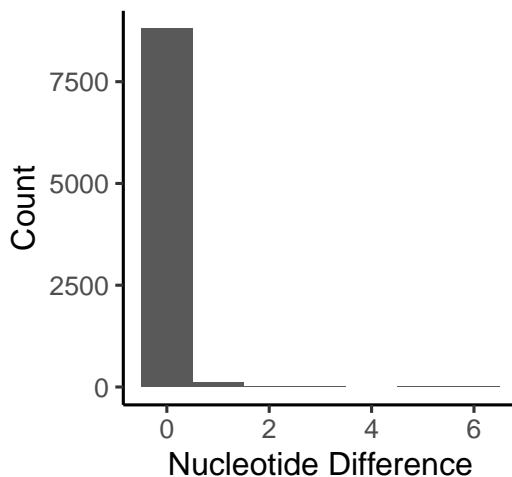
TRBV17*ap01

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



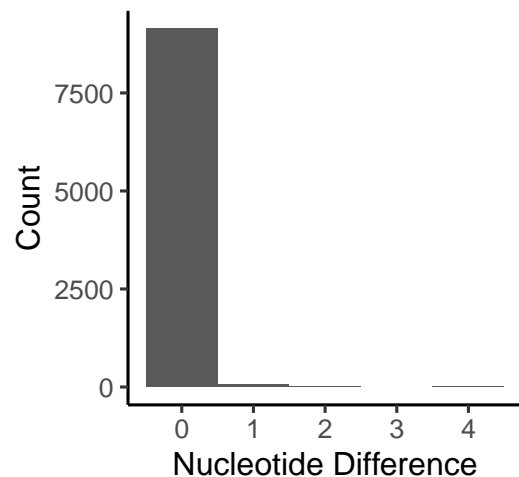
TRBV2*ap01

8932 sequences assigned
8801 (98.5%) exact matches, in which:
8558 unique CDR3
13 unique J



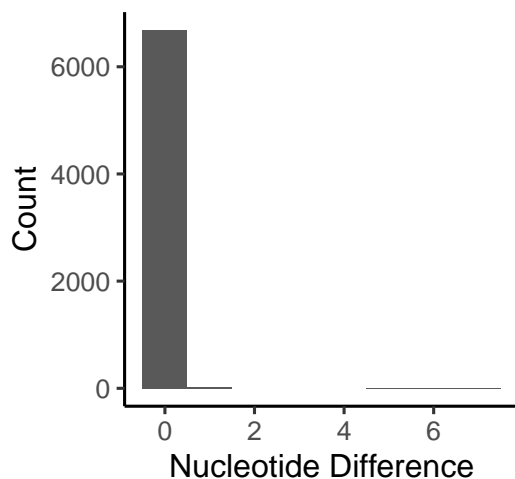
TRBV28*ap01

9207 sequences assigned
9138 (99.3%) exact matches, in which:
8968 unique CDR3
13 unique J



TRBV18*ap01

6715 sequences assigned
6685 (99.6%) exact matches, in which:
6622 unique CDR3
13 unique J



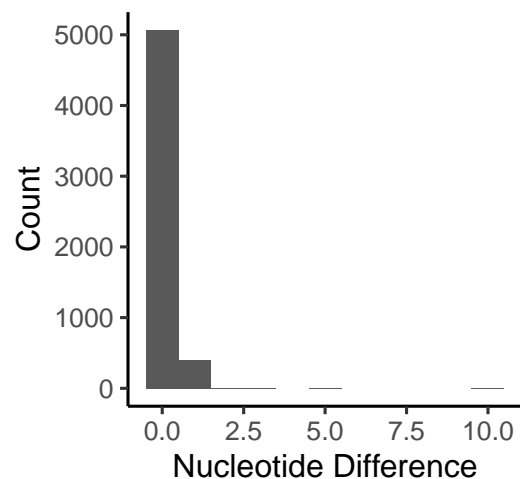
TRBV26*ap01

1 sequences assigned
No exact matches.



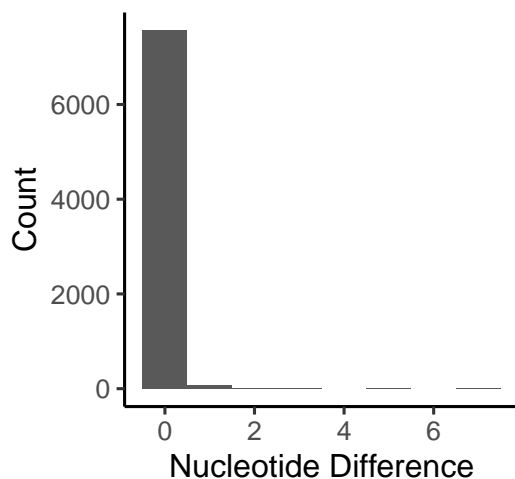
TRBV30*ap01

5473 sequences assigned
5067 (92.6%) exact matches, in which:
4962 unique CDR3
13 unique J



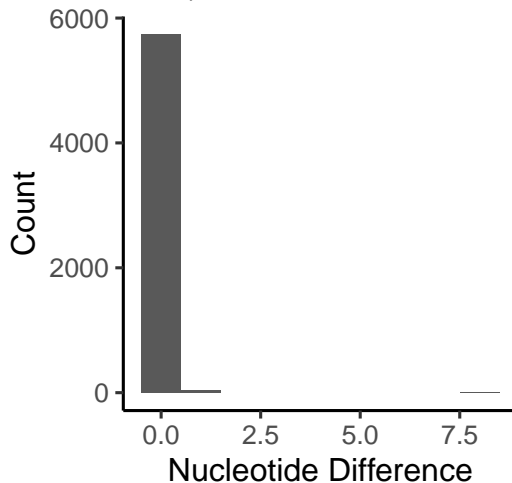
TRBV9*ap01

7638 sequences assigned
7564 (99%) exact matches, in which:
7428 unique CDR3
13 unique J



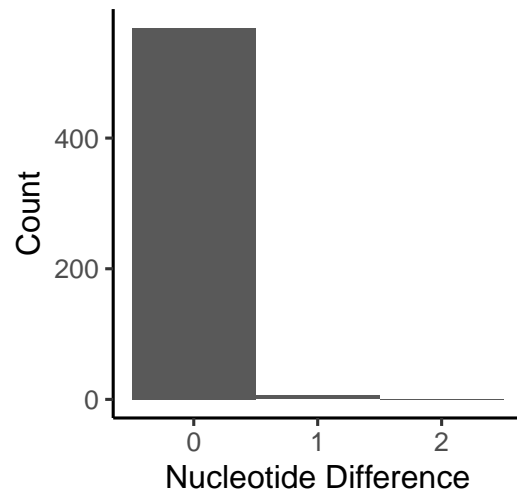
TRBV11-2*ap01

5773 sequences assigned
5738 (99.4%) exact matches, in which:
5623 unique CDR3
13 unique J



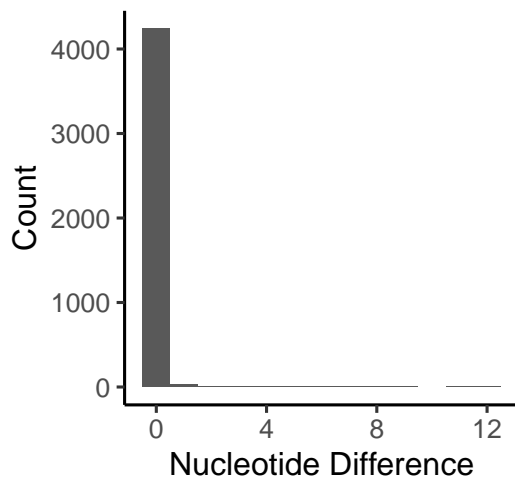
TRBV12-2*ap01

576 sequences assigned
569 (98.8%) exact matches, in which:
559 unique CDR3
13 unique J



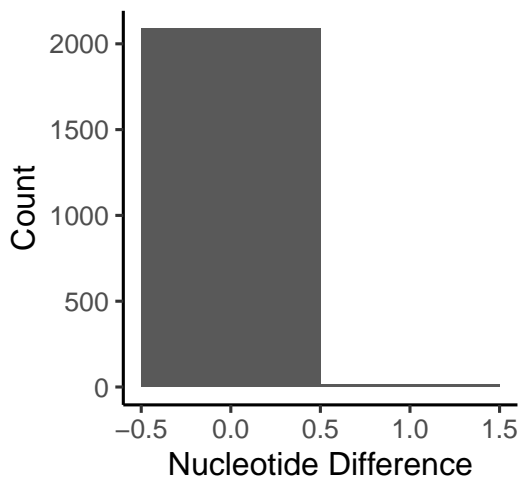
TRBV21-1*ap01

4293 sequences assigned
4240 (98.8%) exact matches, in which:
4191 unique CDR3
14 unique J



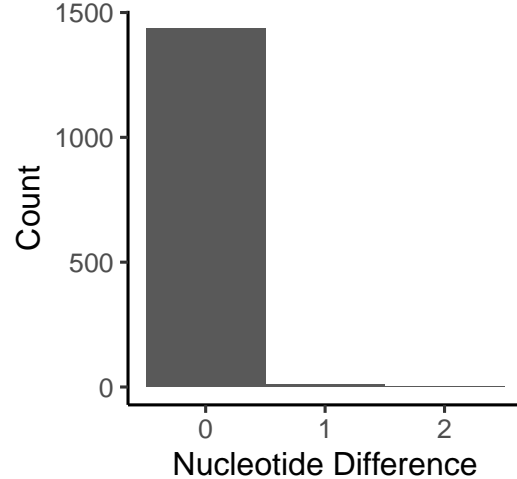
TRBV11-3*ap01

2103 sequences assigned
2088 (99.3%) exact matches, in which:
2066 unique CDR3
13 unique J



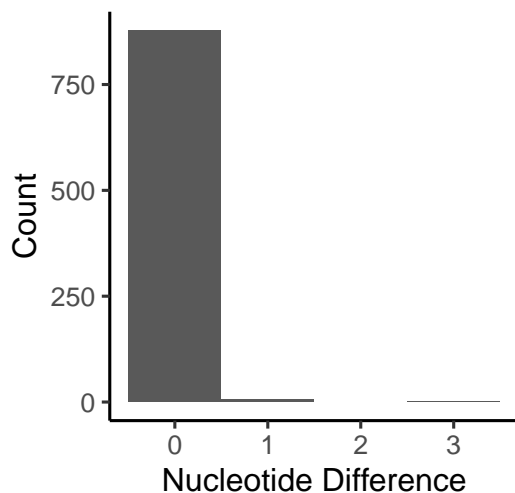
TRBV12-5*ap01

1449 sequences assigned
1435 (99%) exact matches, in which:
1406 unique CDR3
13 unique J



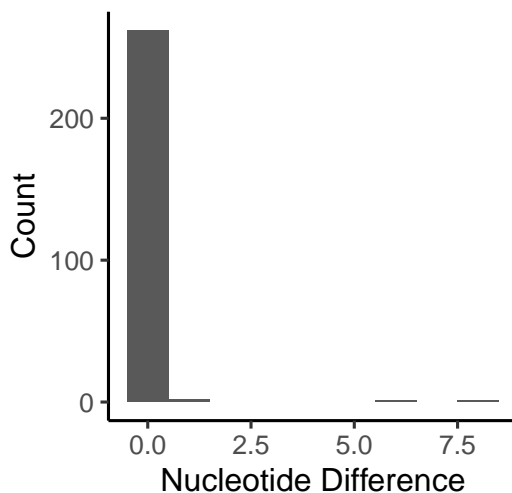
TRBV11-1*ap01

885 sequences assigned
878 (99.2%) exact matches, in which:
864 unique CDR3
13 unique J



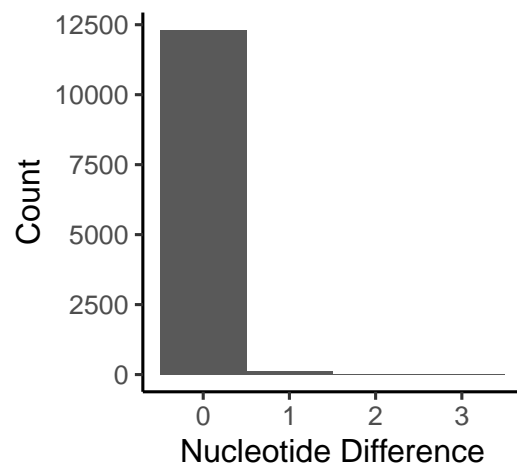
TRBV12-1*ap01

266 sequences assigned
262 (98.5%) exact matches, in which:
259 unique CDR3
13 unique J



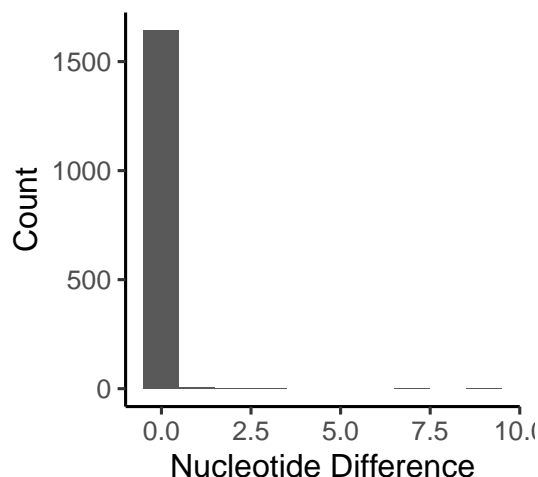
TRBV12-34*ap01

12437 sequences assigned
12318 (99%) exact matches, in which:
12063 unique CDR3
13 unique J



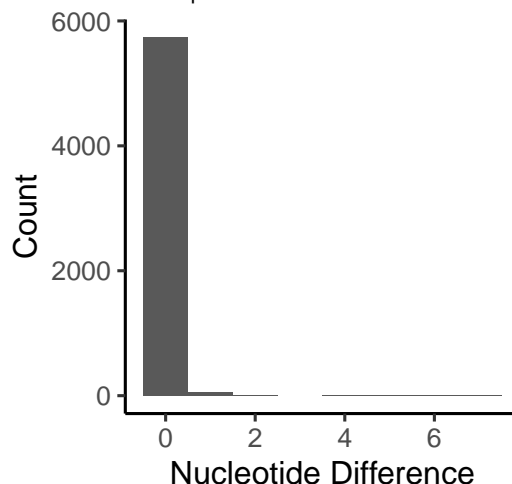
TRBV23-1*ap01

1659 sequences assigned
1643 (99%) exact matches, in which:
1620 unique CDR3
13 unique J



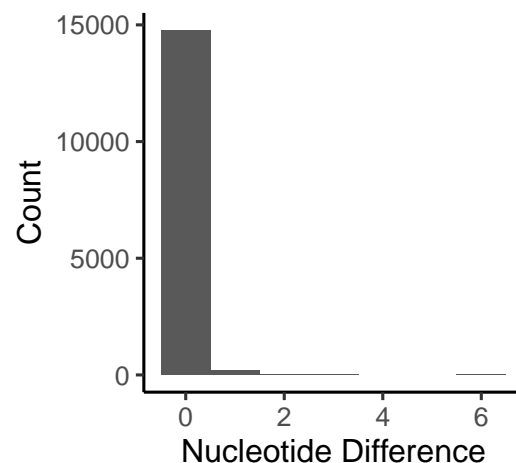
TRBV4-1*ap01

5800 sequences assigned
5736 (98.9%) exact matches, in which:
5561 unique CDR3
13 unique J



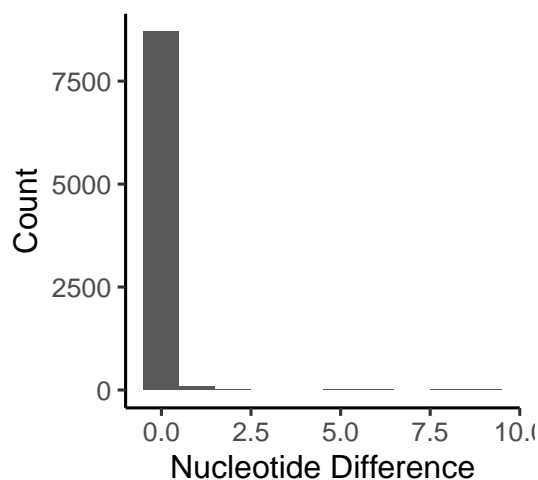
TRBV5-1*ap01

14953 sequences assigned
14774 (98.8%) exact matches, in which:
14305 unique CDR3
13 unique J



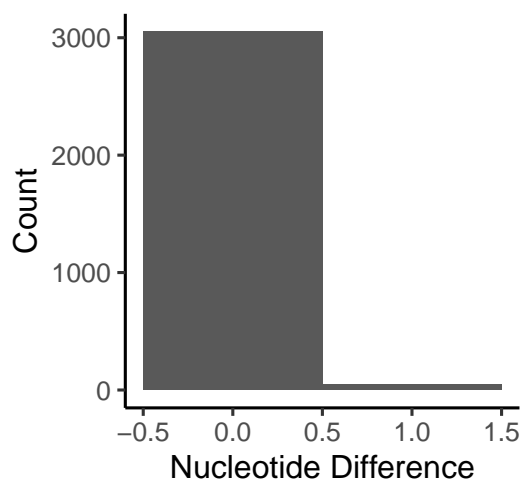
TRBV3-12*ap01

8796 sequences assigned
8700 (98.9%) exact matches, in which:
8479 unique CDR3
13 unique J



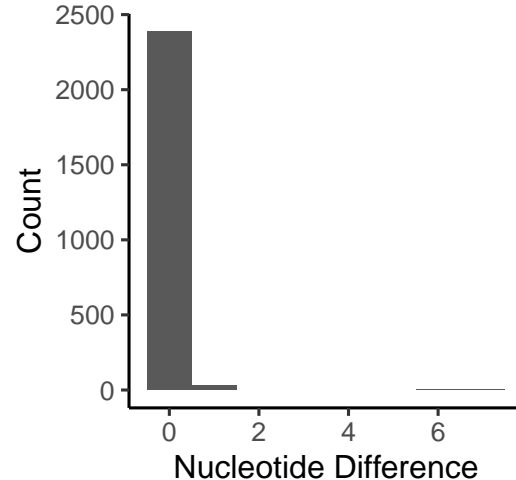
TRBV4-2*ap01

3096 sequences assigned
3051 (98.5%) exact matches, in which:
2949 unique CDR3
13 unique J



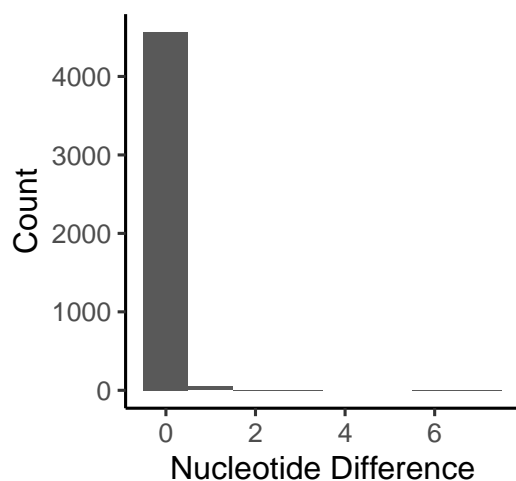
TRBV25-1*ap01

2418 sequences assigned
2386 (98.7%) exact matches, in which:
2317 unique CDR3
13 unique J



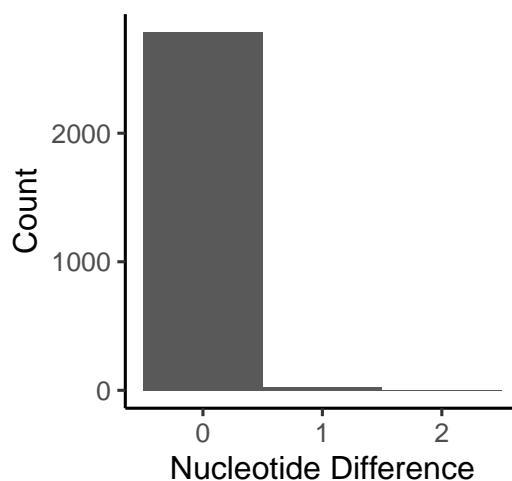
TRBV24-1*ap01

4627 sequences assigned
4566 (98.7%) exact matches, in which:
4451 unique CDR3
13 unique J



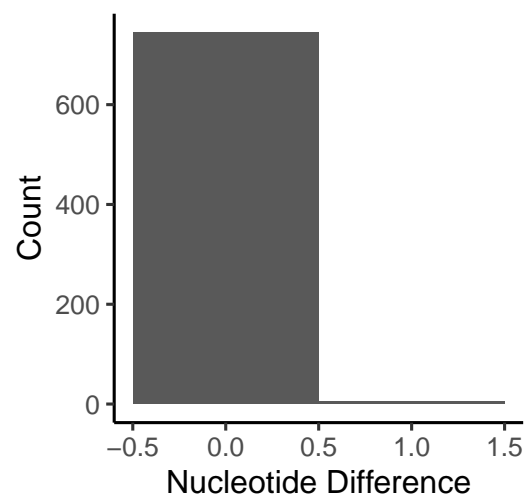
TRBV4-3*ap01

2813 sequences assigned
2787 (99.1%) exact matches, in which:
2689 unique CDR3
13 unique J



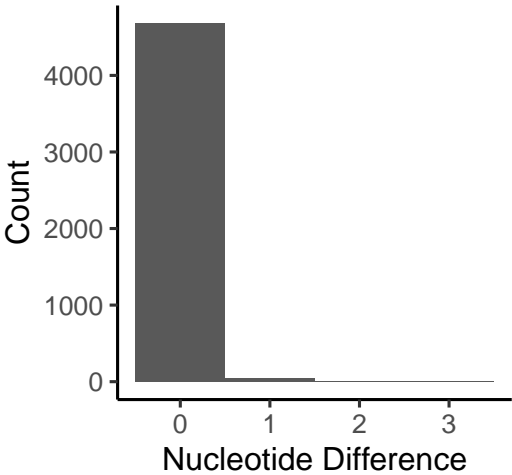
TRBV5-3*ap01

750 sequences assigned
745 (99.3%) exact matches, in which:
734 unique CDR3
13 unique J



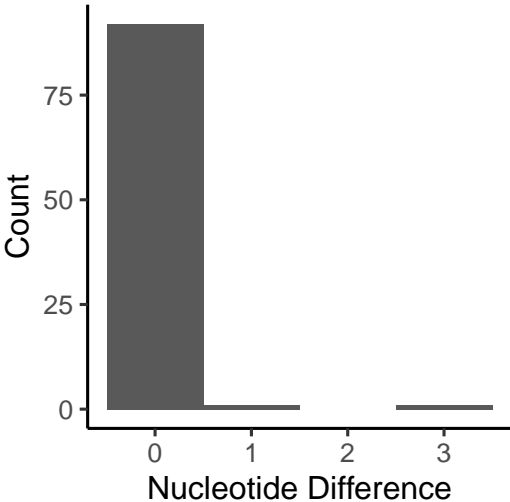
TRBV5-4*ap01

4736 sequences assigned
4679 (98.8%) exact matches, in which:
4555 unique CDR3
13 unique J



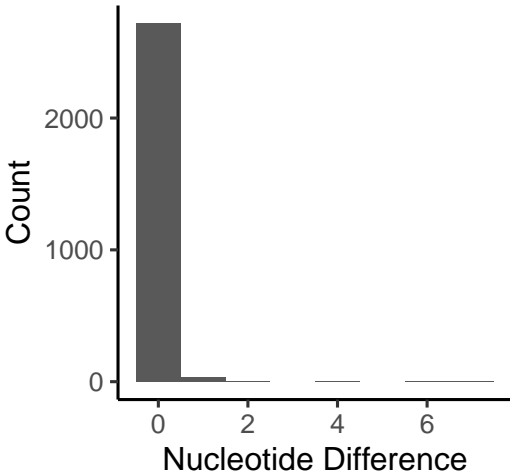
TRBV5-7*ap01

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



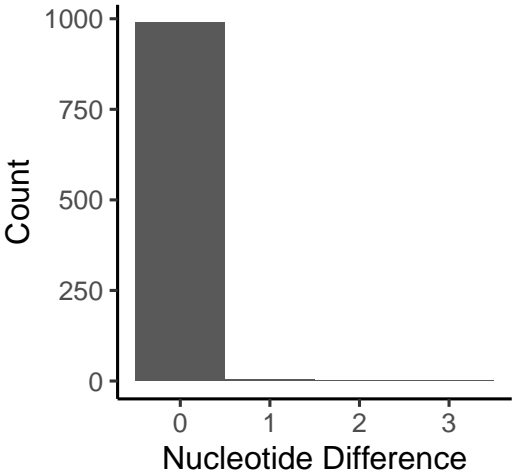
TRBV6-4*ap01

2762 sequences assigned
2718 (98.4%) exact matches, in which:
2677 unique CDR3
13 unique J



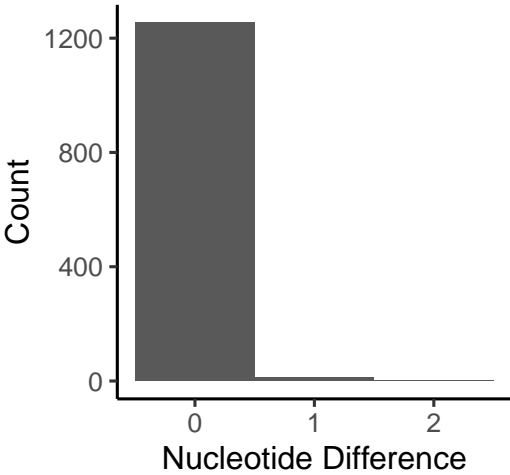
TRBV5-5*ap01

994 sequences assigned
989 (99.5%) exact matches, in which:
979 unique CDR3
13 unique J



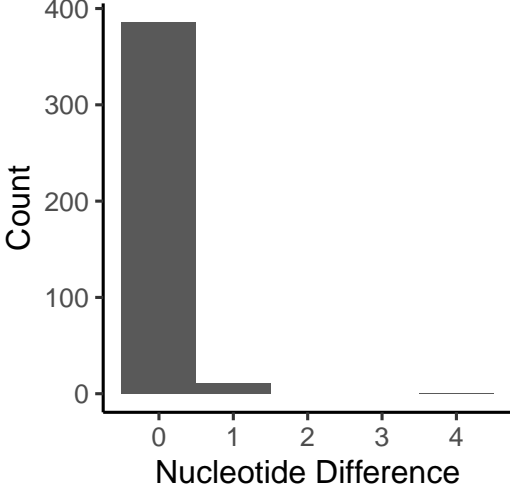
TRBV5-8*ap01

1267 sequences assigned
1254 (99%) exact matches, in which:
1235 unique CDR3
13 unique J



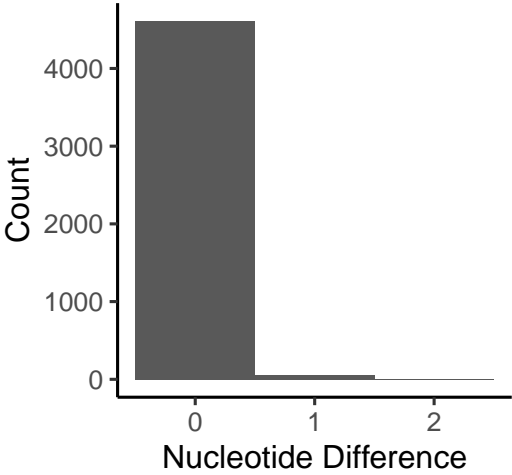
TRBV6-7*ap01

398 sequences assigned
386 (97%) exact matches, in which:
372 unique CDR3
13 unique J



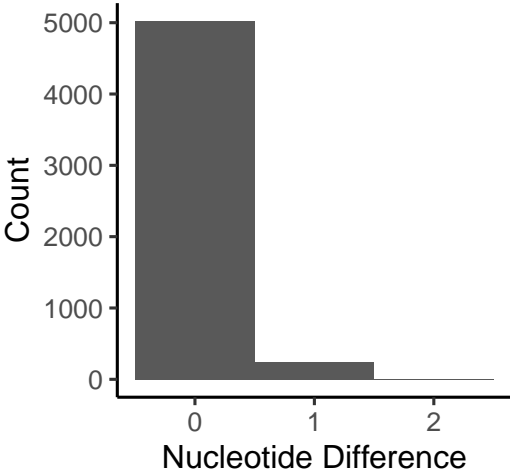
TRBV5-6*ap01

4671 sequences assigned
4610 (98.7%) exact matches, in which:
4442 unique CDR3
13 unique J



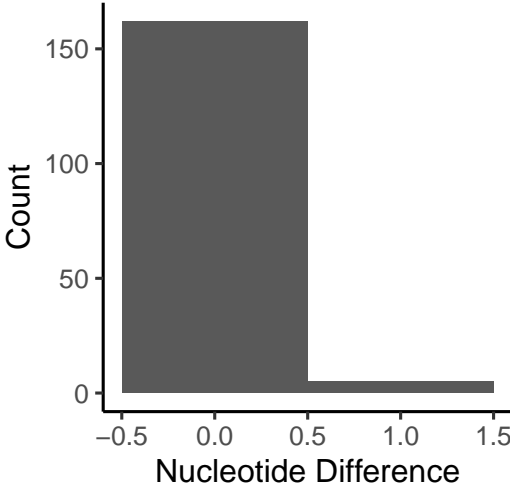
TRBV6-1*ap01

5264 sequences assigned
5023 (95.4%) exact matches, in which:
4867 unique CDR3
13 unique J



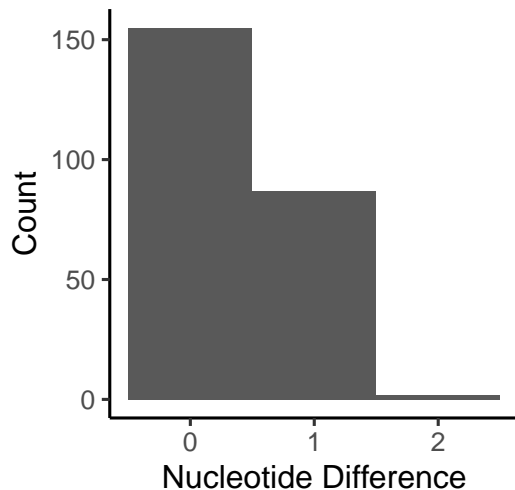
TRBV6-8*ap01

167 sequences assigned
162 (97%) exact matches, in which:
155 unique CDR3
12 unique J



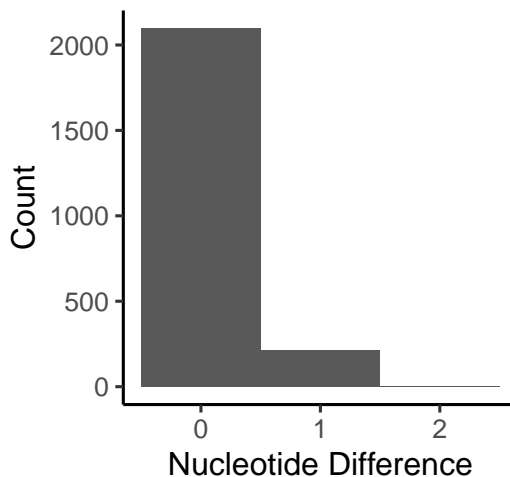
TRBV6-9*ap01

244 sequences assigned
155 (63.5%) exact matches, in which:
148 unique CDR3
13 unique J



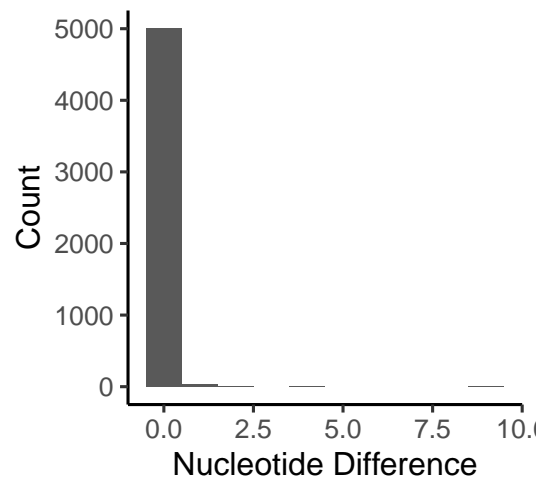
TRBV6-56*ap02

2316 sequences assigned
2097 (90.5%) exact matches, in which:
2020 unique CDR3
13 unique J



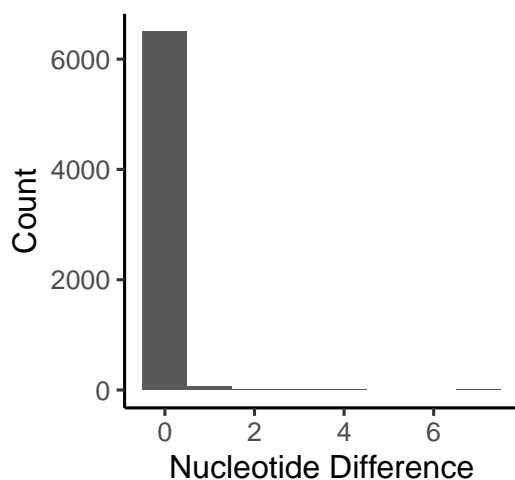
TRBV7-3*ap01

5048 sequences assigned
5004 (99.1%) exact matches, in which:
4947 unique CDR3
13 unique J



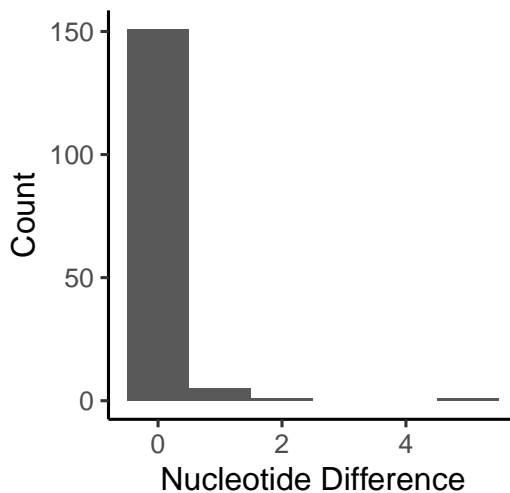
TRBV6-23*ap01

6574 sequences assigned
6497 (98.8%) exact matches, in which:
6258 unique CDR3
13 unique J



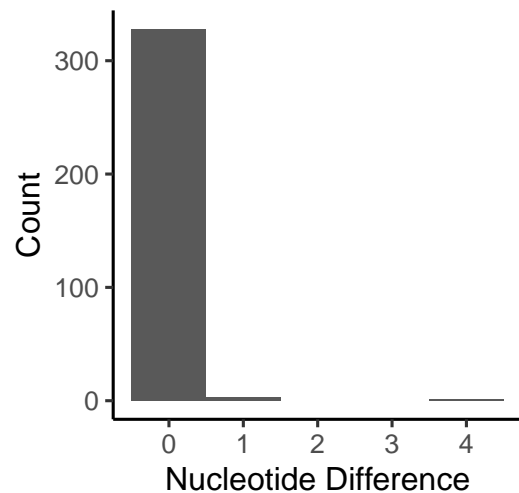
TRBV7-1*ap01_G291C_

158 sequences assigned
151 (95.6%) exact matches, in which:
151 unique CDR3
13 unique J



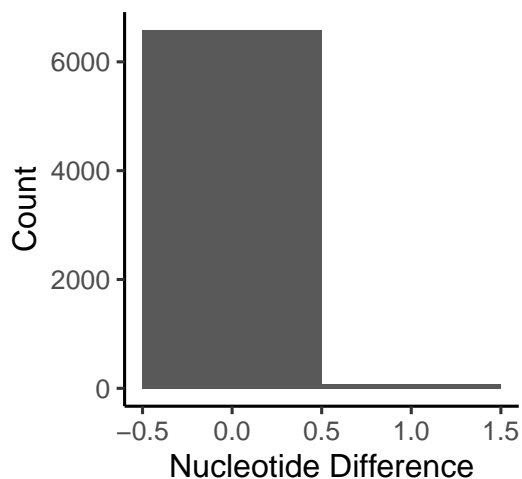
TRBV7-4*ap01

332 sequences assigned
328 (98.8%) exact matches, in which:
317 unique CDR3
13 unique J



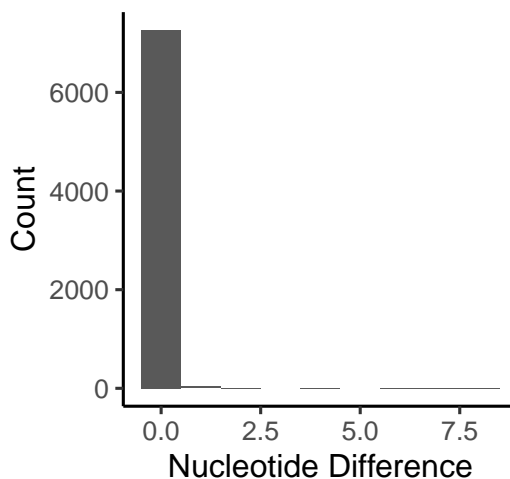
TRBV6-56*ap01

6668 sequences assigned
6584 (98.7%) exact matches, in which:
6391 unique CDR3
13 unique J



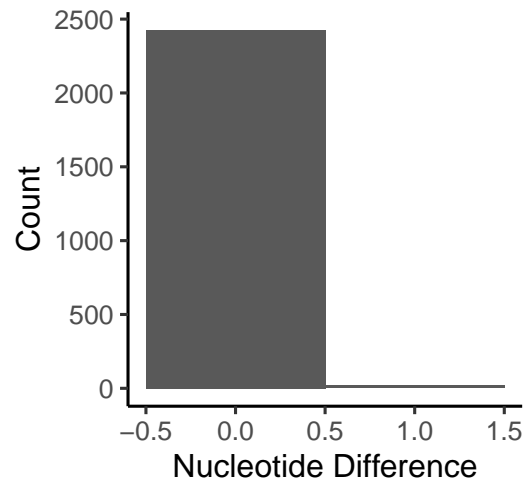
TRBV7-2*ap01

7311 sequences assigned
7264 (99.4%) exact matches, in which:
7132 unique CDR3
14 unique J



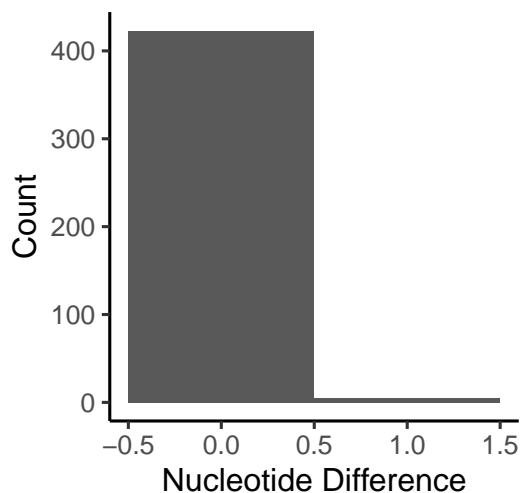
TRBV7-6*ap01

2444 sequences assigned
2426 (99.3%) exact matches, in which:
2376 unique CDR3
13 unique J



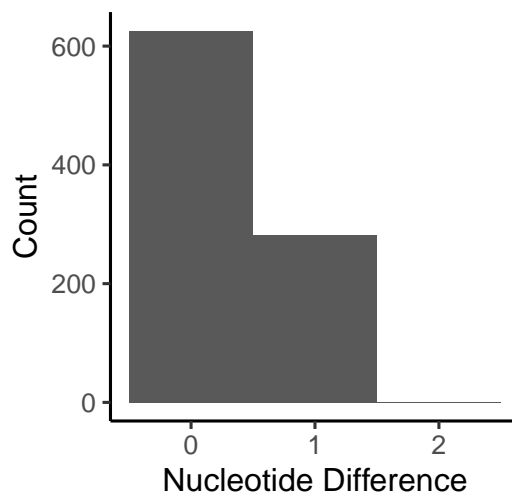
TRBV7-7*ap01

428 sequences assigned
423 (98.8%) exact matches, in which:
416 unique CDR3
13 unique J



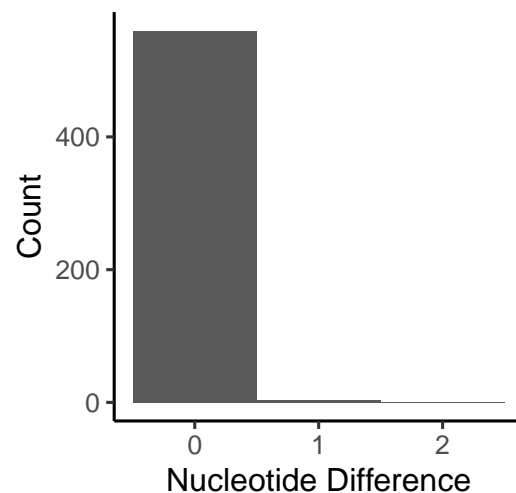
TRBV7-8*ap03

909 sequences assigned
626 (68.9%) exact matches, in which:
607 unique CDR3
13 unique J



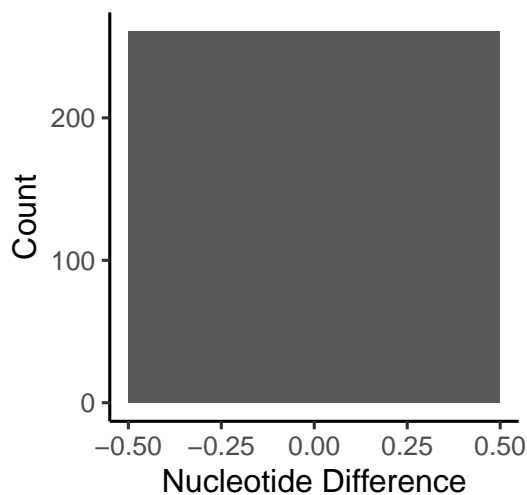
TRBV29-1*ap02

565 sequences assigned
560 (99.1%) exact matches, in which:
540 unique CDR3
13 unique J



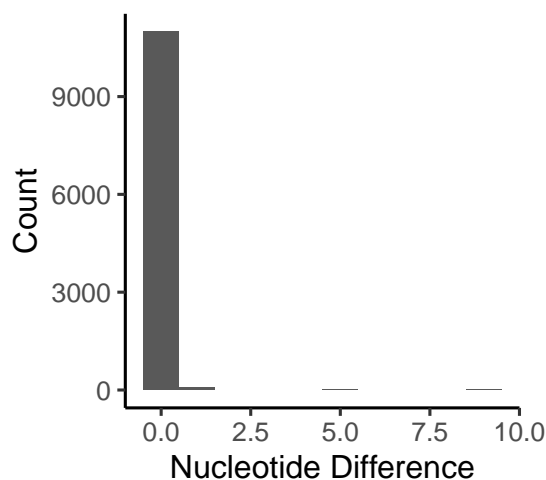
TRBV7-7*ap01_C315T

261 sequences assigned
261 (100%) exact matches, in which:
253 unique CDR3
13 unique J



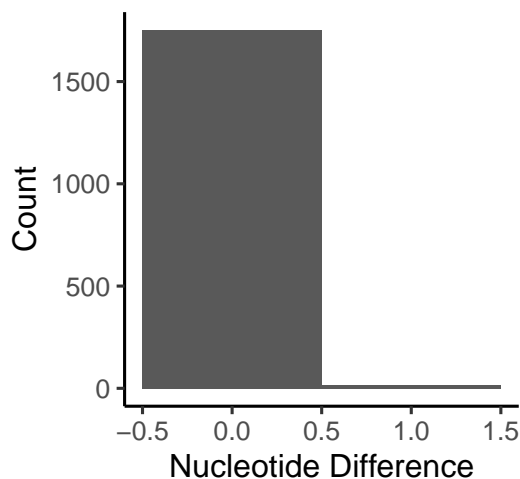
TRBV7-9*ap01

11077 sequences assigned
10989 (99.2%) exact matches, in which:
10790 unique CDR3
13 unique J



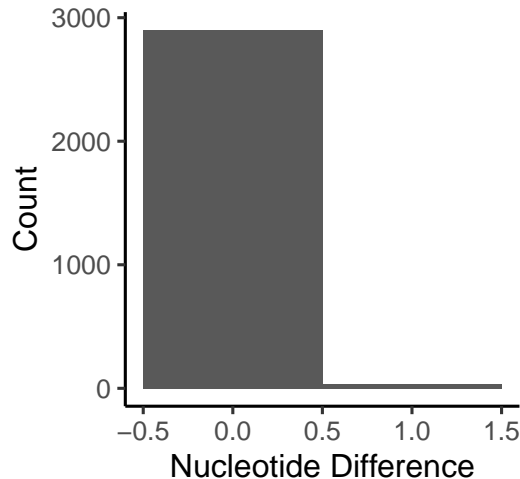
TRBV7-8*ap01

1767 sequences assigned
1752 (99.2%) exact matches, in which:
1707 unique CDR3
13 unique J

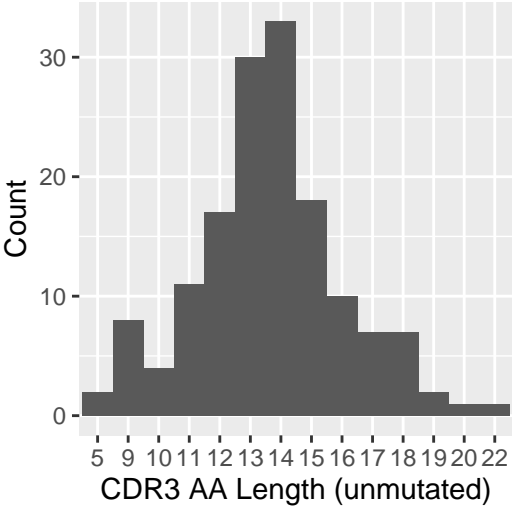


TRBV29-1*ap01

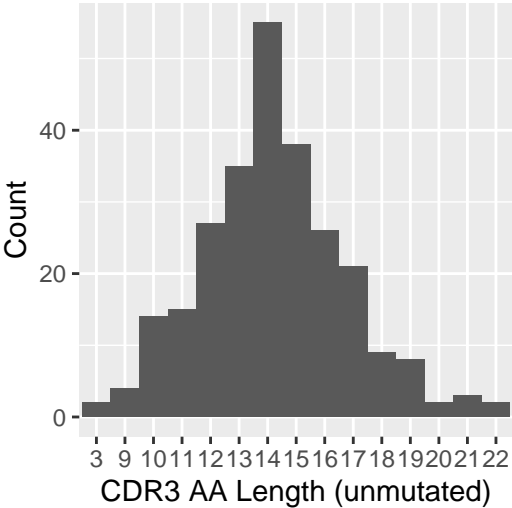
2933 sequences assigned
2900 (98.9%) exact matches, in which:
2824 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.