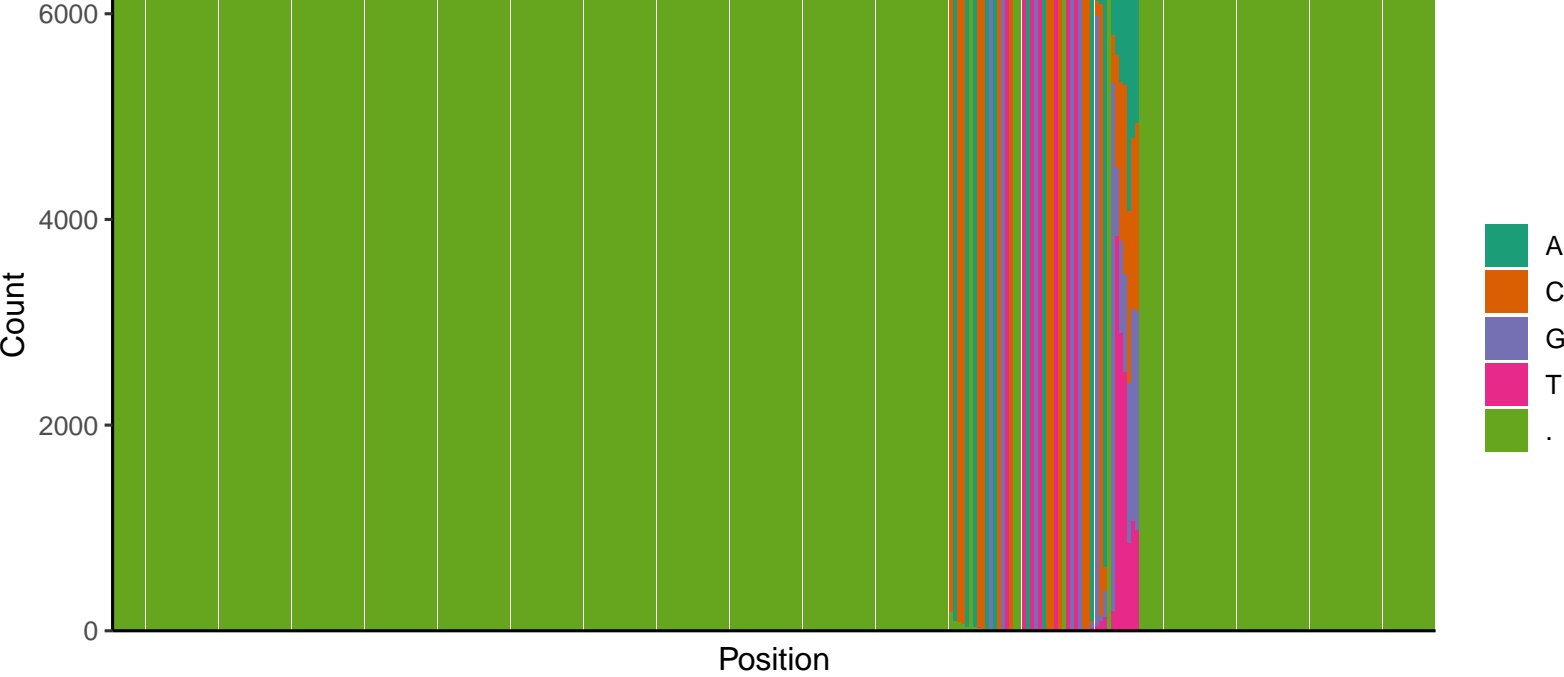


Gene TRBV23-1*ap01_T304C



Gene TRBV28*ap01_A297G



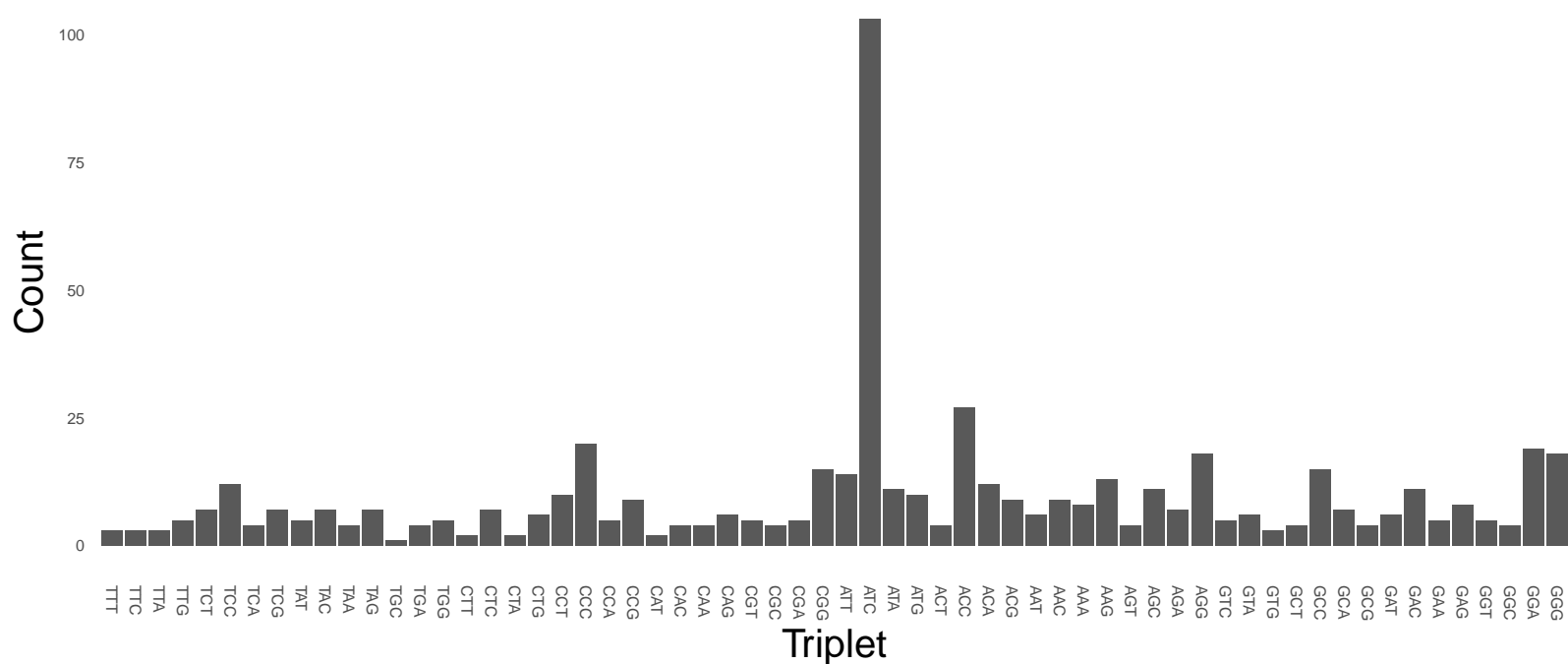
Gene TRBV7-1*ap01_T296C



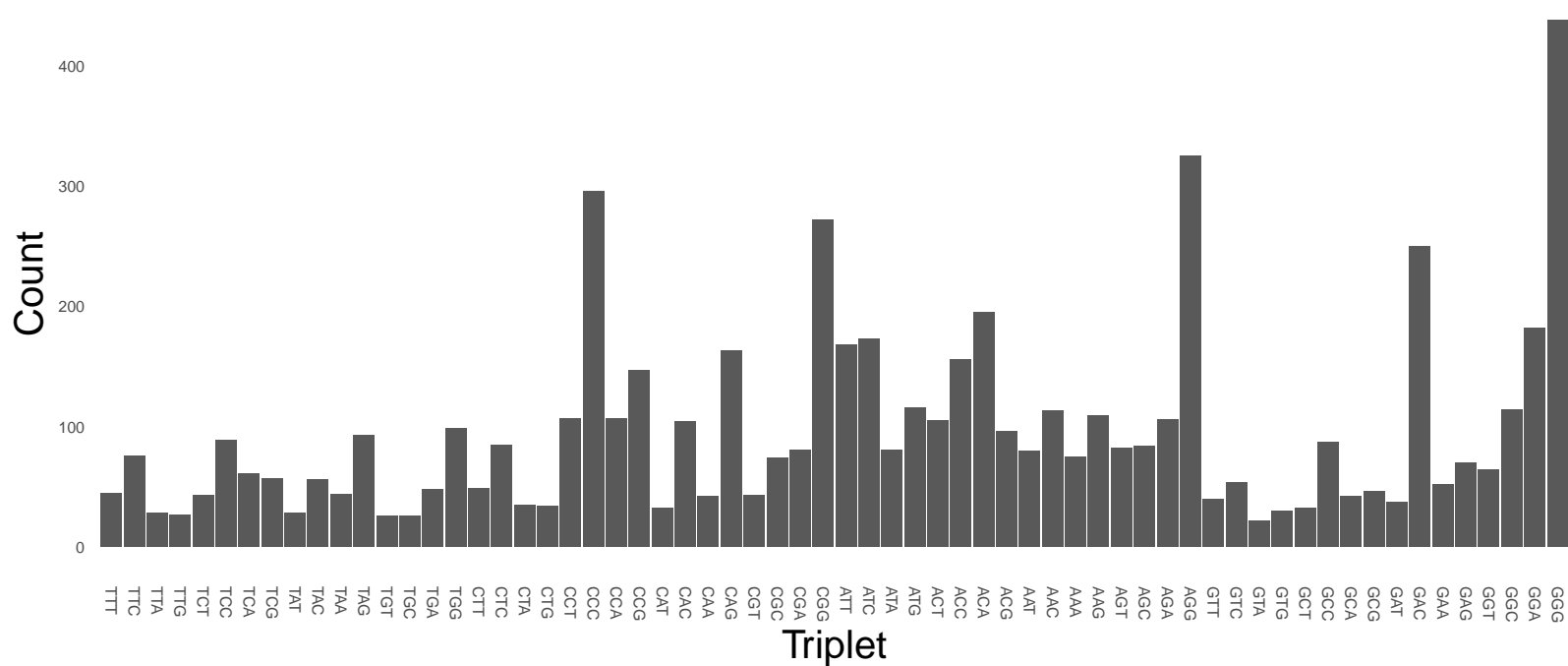
Gene TRBV7-7*ap01_C315T



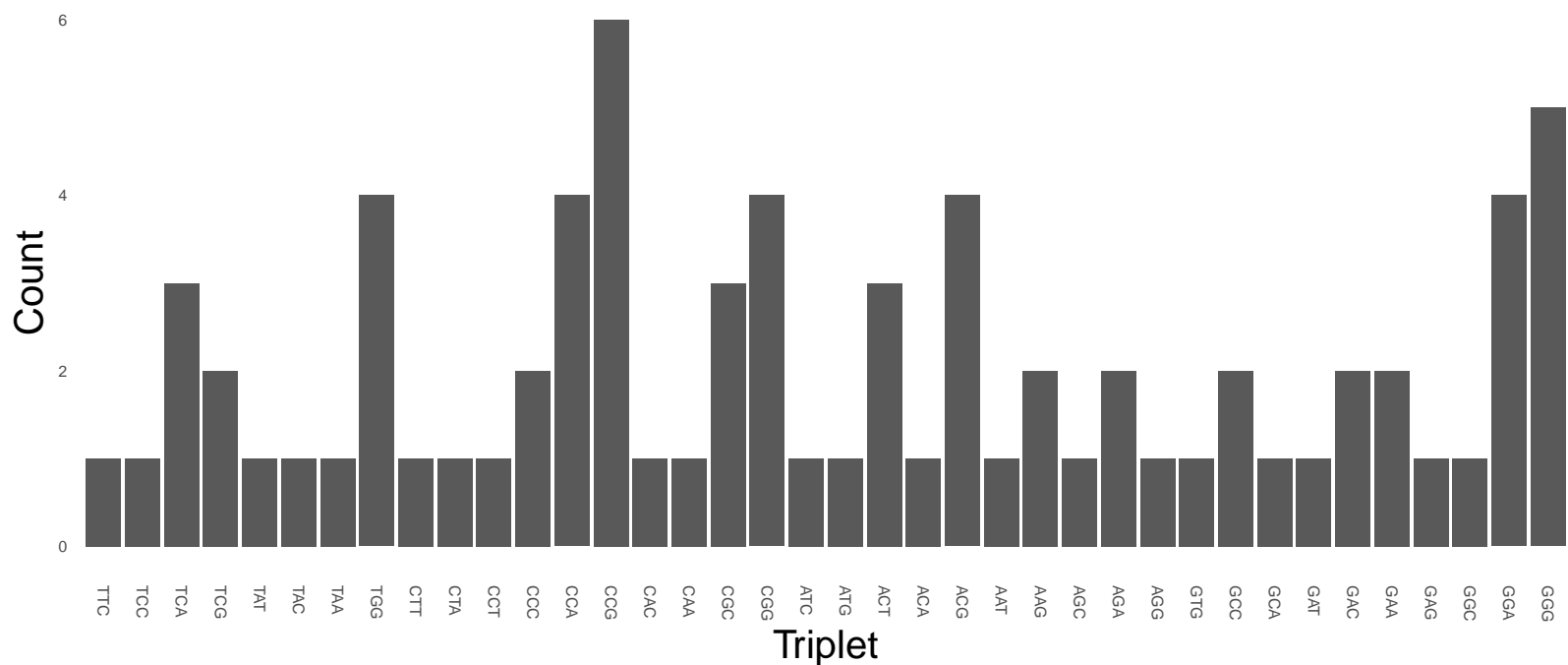
TRBV23–1*ap01_T304C– Final 3 nucleotides as a triplet



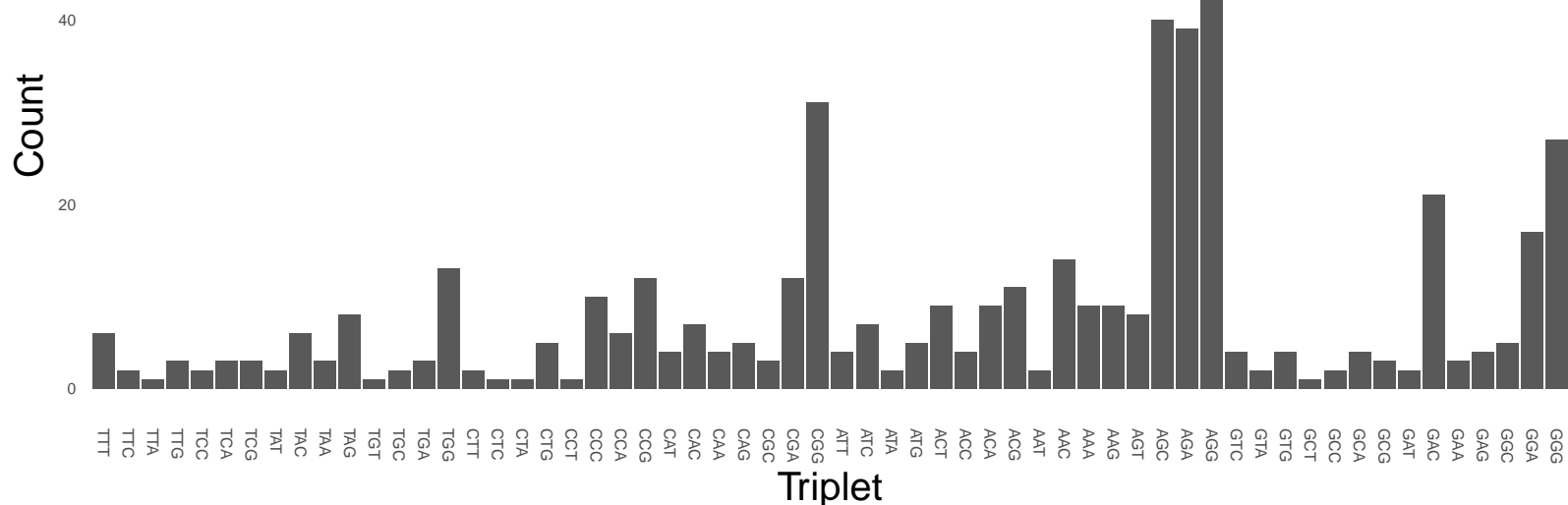
TRBV28*ap01_A297G– Final 3 nucleotides as a triplet



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

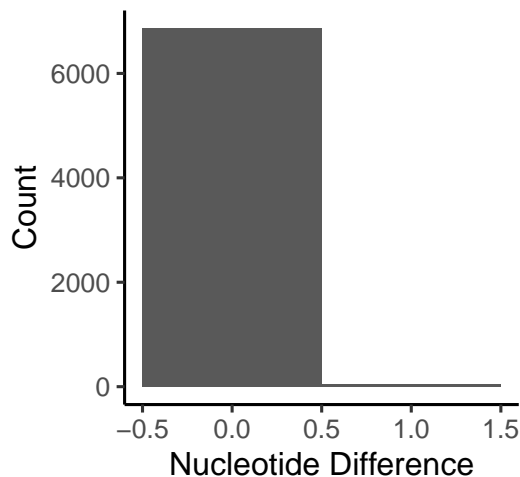


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



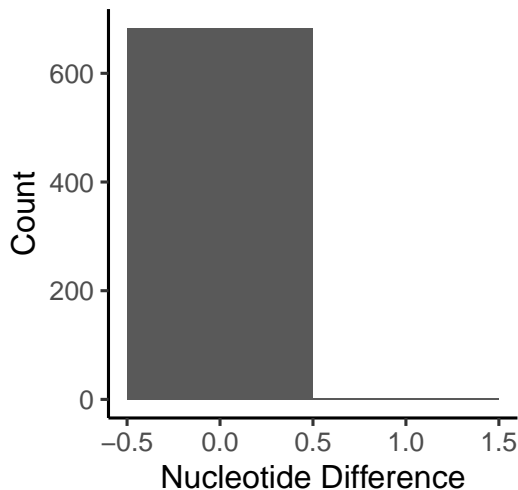
TRBV20–1*ap01

6909 sequences assigned
6862 (99.3%) exact matches, in which:
6831 unique CDR3
13 unique J



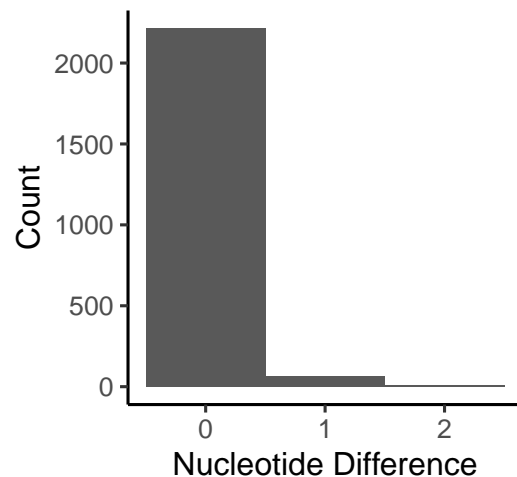
TRBV10–2*ap01

687 sequences assigned
684 (99.6%) exact matches, in which:
681 unique CDR3
13 unique J



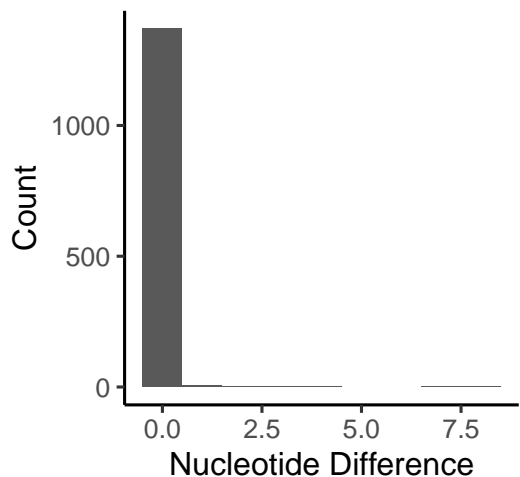
TRBV13*ap01

2287 sequences assigned
2214 (96.8%) exact matches, in which:
2178 unique CDR3
13 unique J



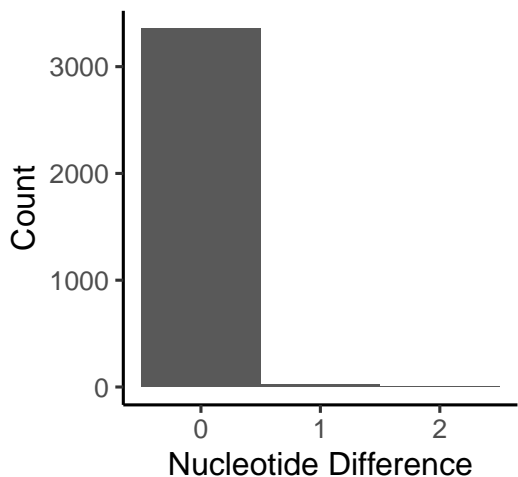
TRBV10–1*ap01

1382 sequences assigned
1370 (99.1%) exact matches, in which:
1352 unique CDR3
13 unique J



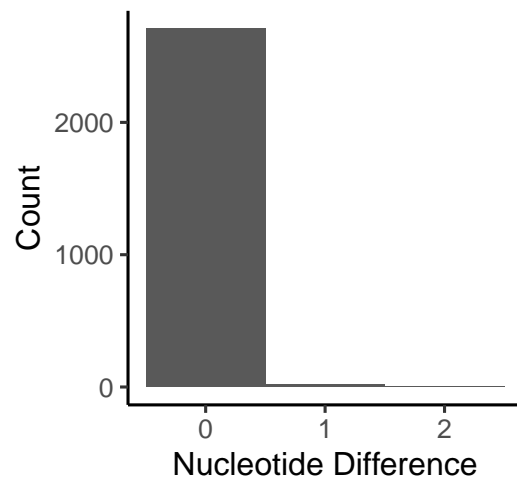
TRBV10–3*ap01

3378 sequences assigned
3355 (99.3%) exact matches, in which:
3333 unique CDR3
13 unique J



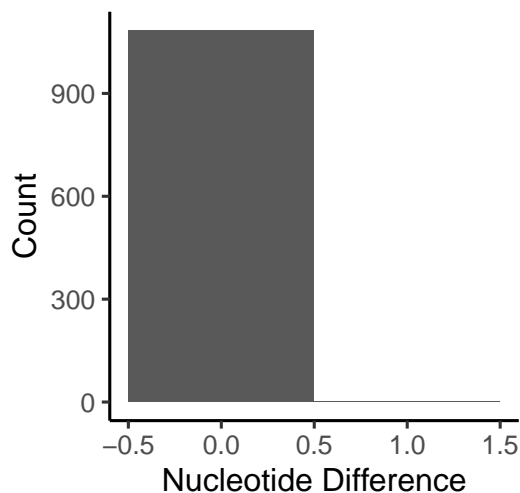
TRBV14*ap01

2728 sequences assigned
2708 (99.3%) exact matches, in which:
2695 unique CDR3
13 unique J



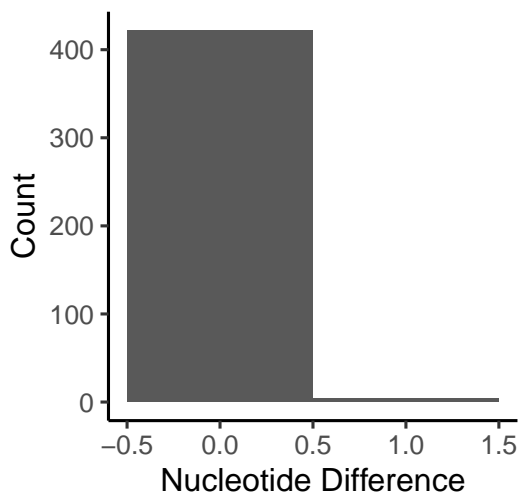
TRBV20–1*ap02

1085 sequences assigned
1084 (99.9%) exact matches, in which:
1076 unique CDR3
13 unique J



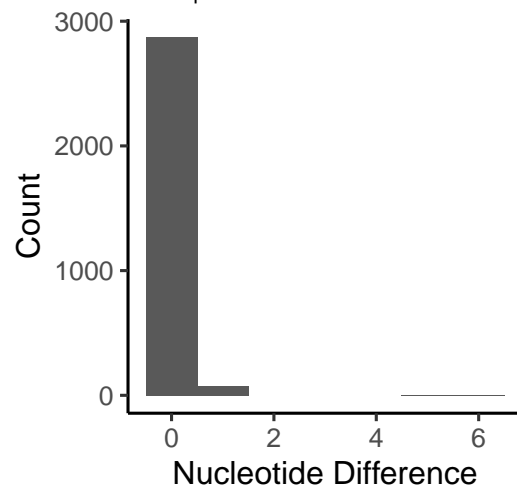
TRBV1*ap01

426 sequences assigned
422 (99.1%) exact matches, in which:
414 unique CDR3
13 unique J



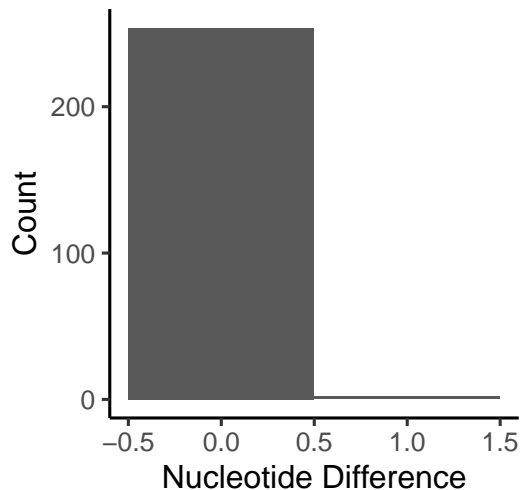
TRBV15*ap02

2952 sequences assigned
2873 (97.3%) exact matches, in which:
2847 unique CDR3
13 unique J



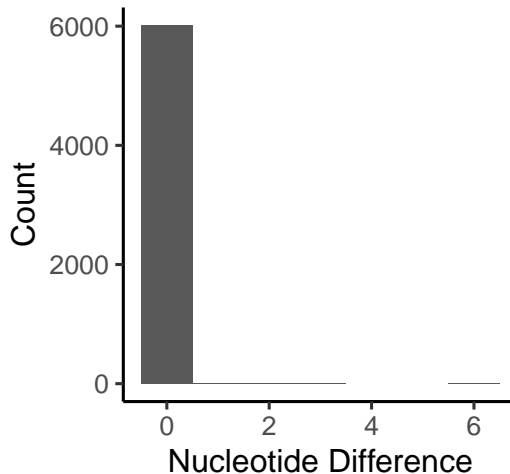
TRBV16*ap01

256 sequences assigned
254 (99.2%) exact matches, in which:
251 unique CDR3
13 unique J



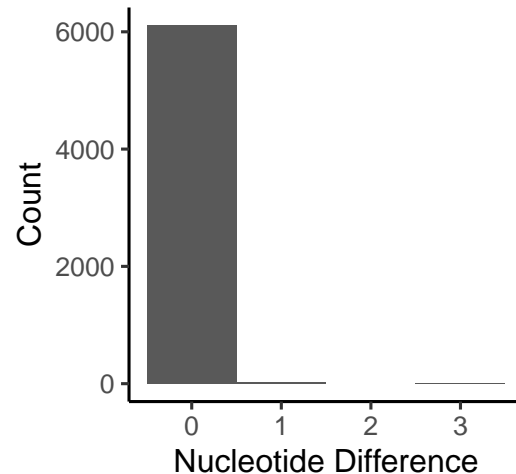
TRBV2*ap01

6034 sequences assigned
6013 (99.7%) exact matches, in which:
5985 unique CDR3
13 unique J



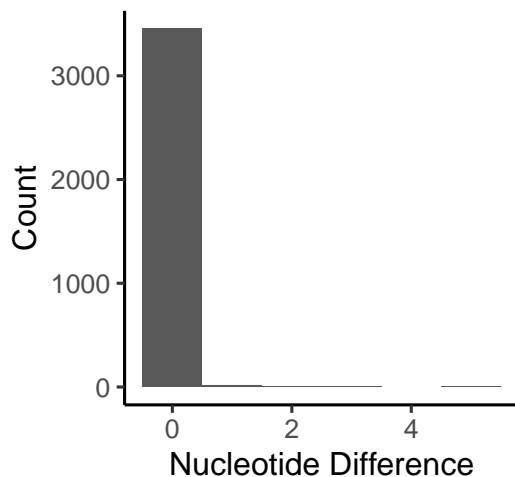
TRBV28*ap01_A297G

6141 sequences assigned
6109 (99.5%) exact matches, in which:
6090 unique CDR3
13 unique J



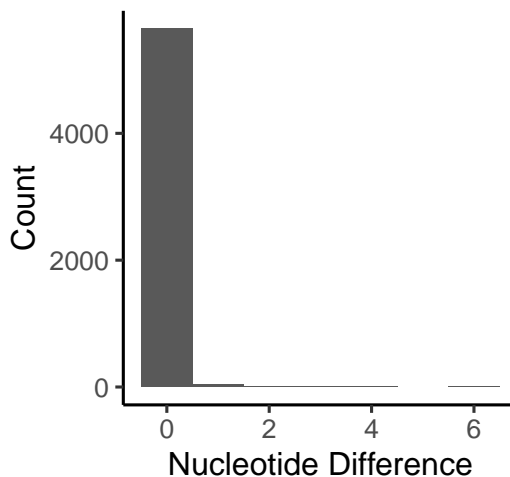
TRBV18*ap01

3470 sequences assigned
3454 (99.5%) exact matches, in which:
3443 unique CDR3
13 unique J



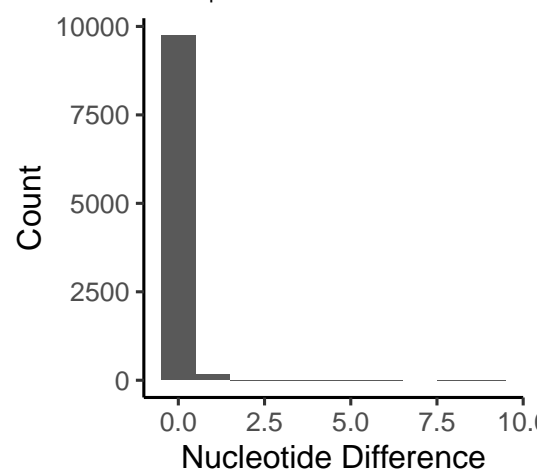
TRBV27*ap01

5702 sequences assigned
5650 (99.1%) exact matches, in which:
5609 unique CDR3
13 unique J



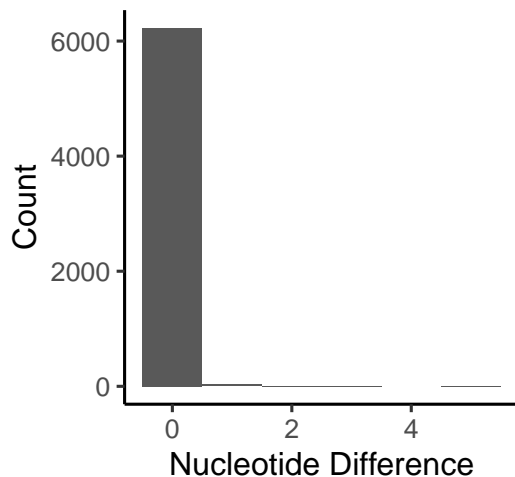
TRBV30*ap01

9917 sequences assigned
9745 (98.3%) exact matches, in which:
9617 unique CDR3
13 unique J



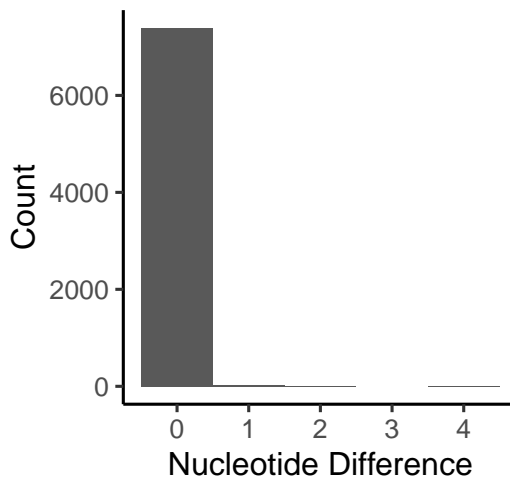
TRBV19*ap01

6260 sequences assigned
6226 (99.5%) exact matches, in which:
6198 unique CDR3
13 unique J



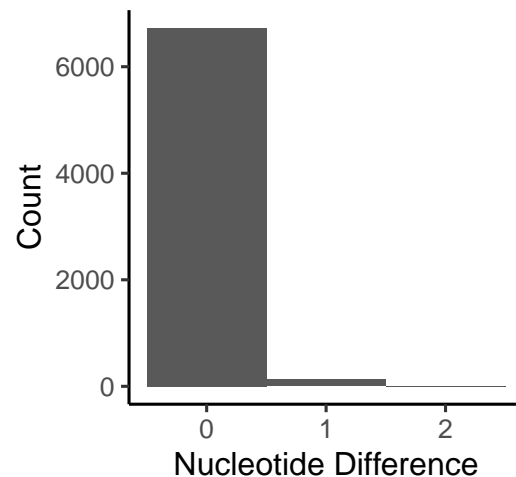
TRBV28*ap01

7424 sequences assigned
7389 (99.5%) exact matches, in which:
7353 unique CDR3
13 unique J



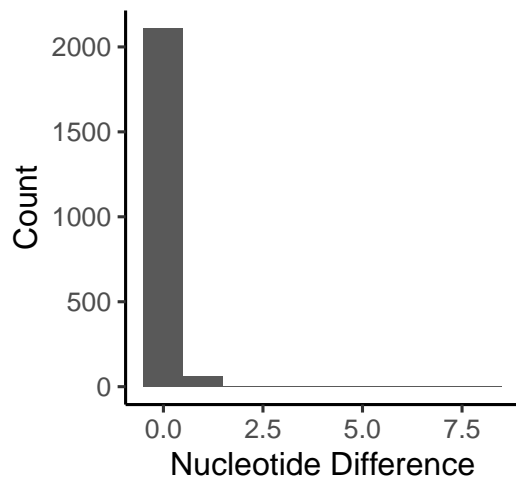
TRBV9*ap01

6854 sequences assigned
6726 (98.1%) exact matches, in which:
6677 unique CDR3
14 unique J



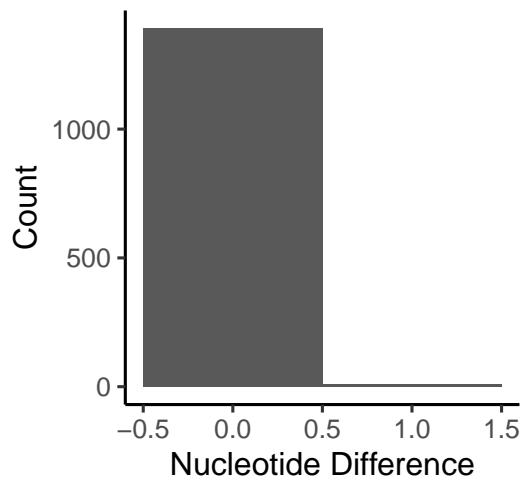
TRBV21-1*ap01

2180 sequences assigned
2109 (96.7%) exact matches, in which:
2102 unique CDR3
13 unique J



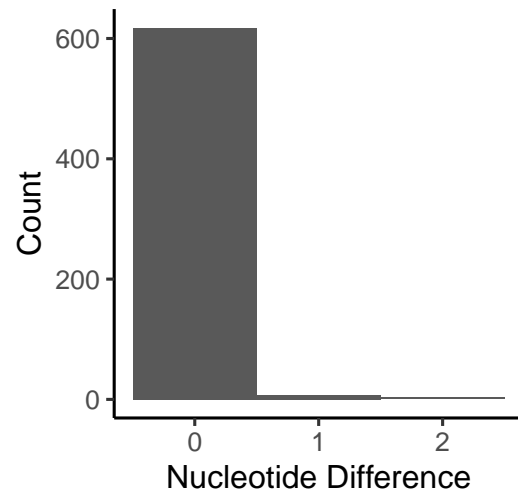
TRBV11-3*ap01

1401 sequences assigned
1391 (99.3%) exact matches, in which:
1388 unique CDR3
13 unique J



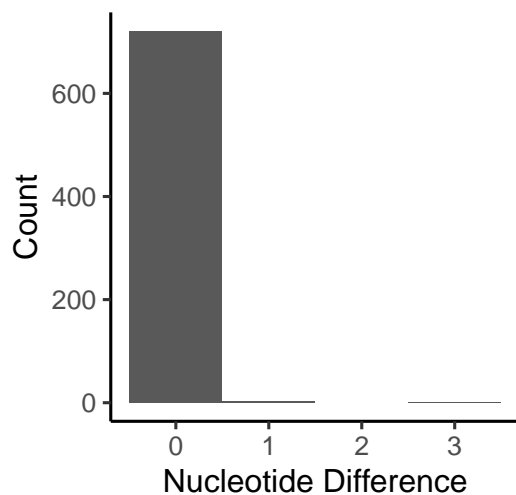
TRBV12-5*ap01

629 sequences assigned
618 (98.3%) exact matches, in which:
615 unique CDR3
13 unique J



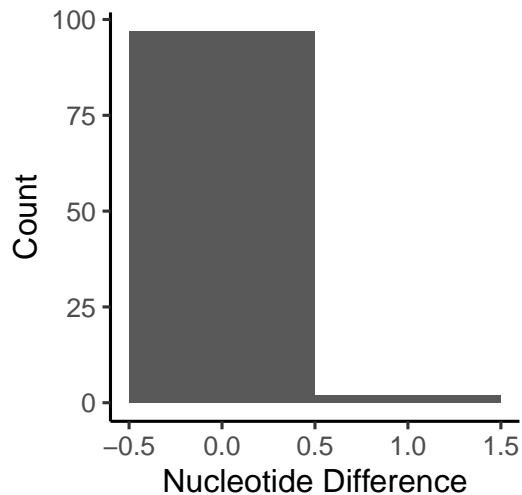
TRBV11-1*ap01

724 sequences assigned
721 (99.6%) exact matches, in which:
720 unique CDR3
13 unique J



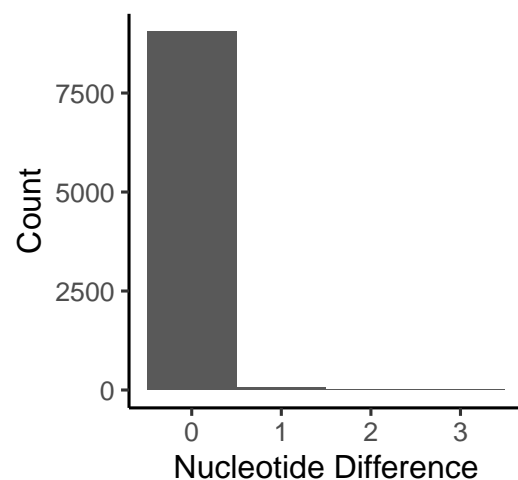
TRBV12-1*ap01

99 sequences assigned
97 (98%) exact matches, in which:
97 unique CDR3
12 unique J



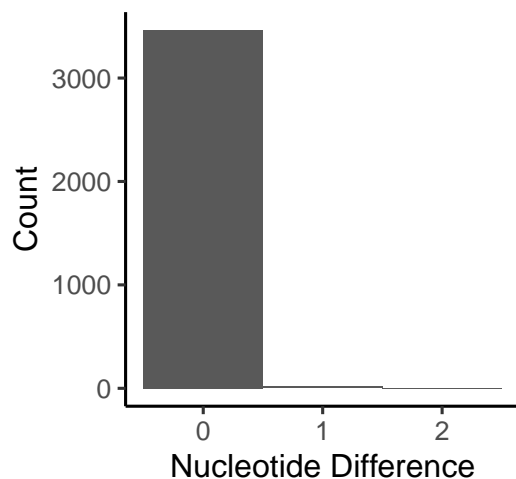
TRBV12-34*ap01

9118 sequences assigned
9048 (99.2%) exact matches, in which:
9013 unique CDR3
13 unique J



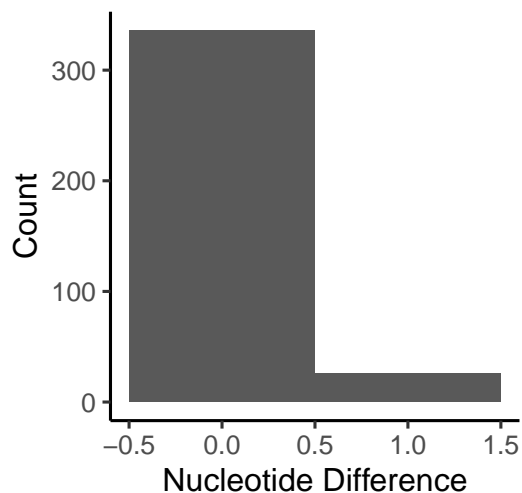
TRBV11-2*ap01

3482 sequences assigned
3464 (99.5%) exact matches, in which:
3448 unique CDR3
13 unique J



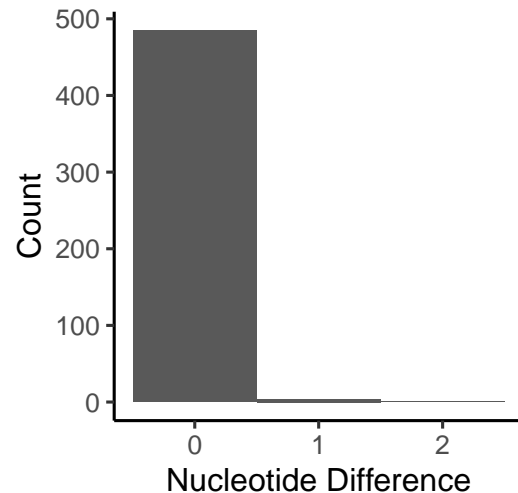
TRBV12-2*ap01

362 sequences assigned
336 (92.8%) exact matches, in which:
335 unique CDR3
13 unique J



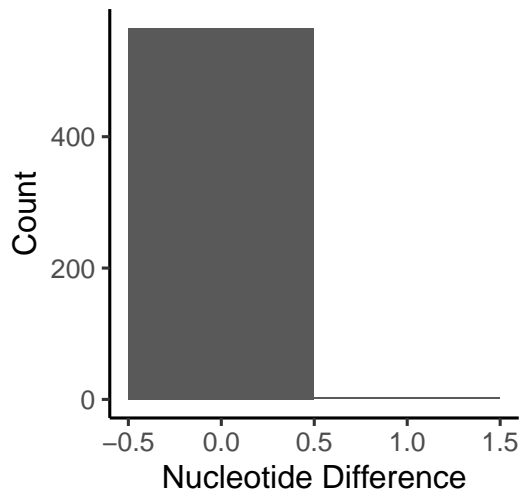
TRBV23-1*ap01

490 sequences assigned
485 (99%) exact matches, in which:
484 unique CDR3
13 unique J



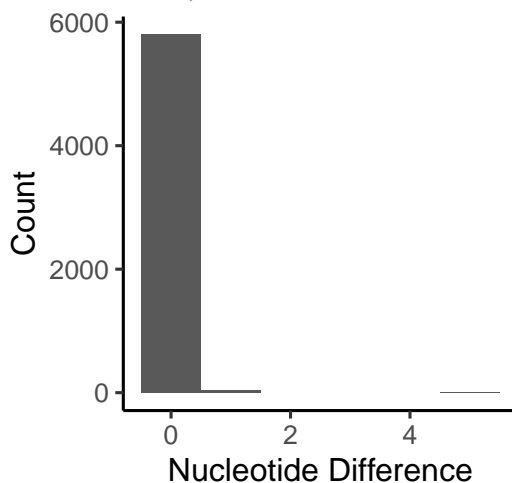
TRBV23–1*ap01_T304C

569 sequences assigned
566 (99.5%) exact matches, in which:
561 unique CDR3
13 unique J



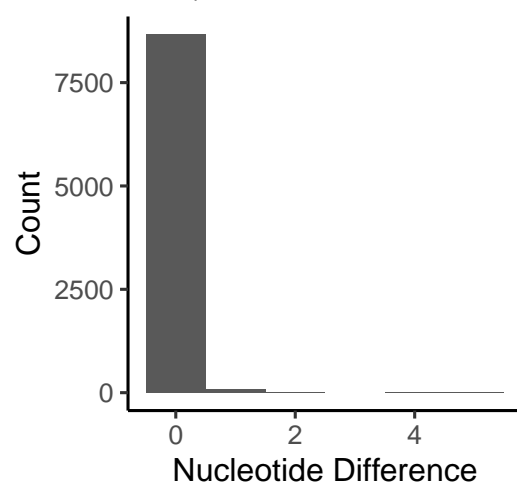
TRBV4–1*ap01

5841 sequences assigned
5802 (99.3%) exact matches, in which:
5752 unique CDR3
13 unique J



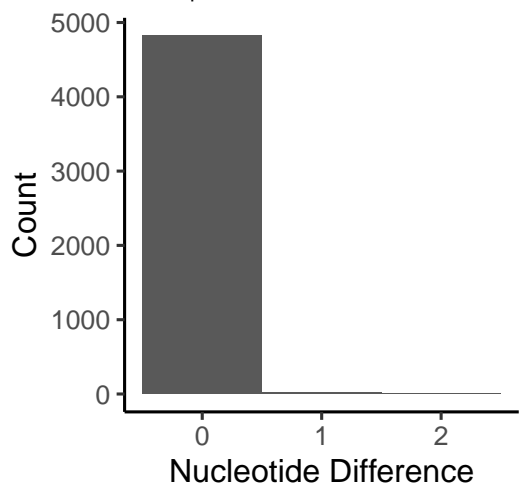
TRBV5–1*ap01

8757 sequences assigned
8666 (99%) exact matches, in which:
8623 unique CDR3
13 unique J



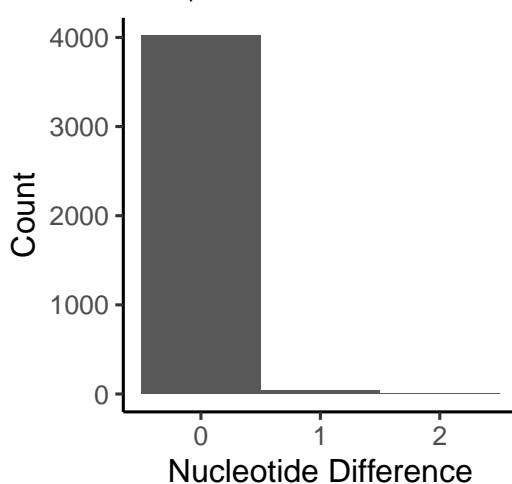
TRBV3–12*ap01

4843 sequences assigned
4822 (99.6%) exact matches, in which:
4816 unique CDR3
13 unique J



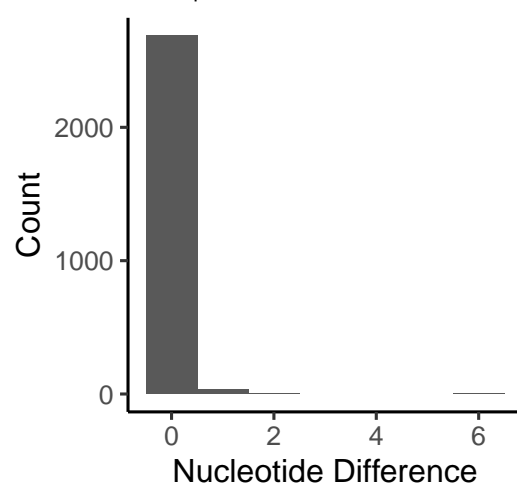
TRBV4–2*ap01

4060 sequences assigned
4019 (99%) exact matches, in which:
3990 unique CDR3
13 unique J



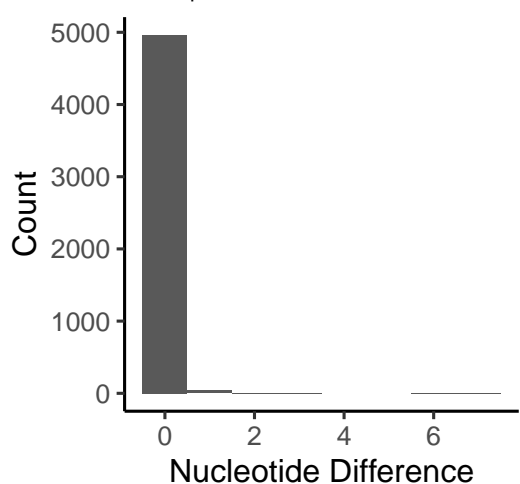
TRBV25–1*ap01

2723 sequences assigned
2687 (98.7%) exact matches, in which:
2655 unique CDR3
13 unique J



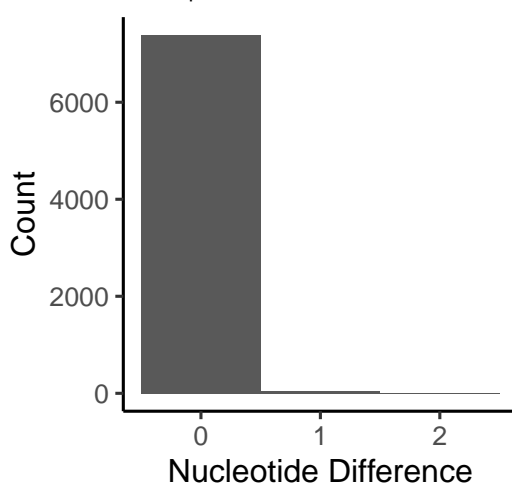
TRBV24–1*ap01

5012 sequences assigned
4962 (99%) exact matches, in which:
4921 unique CDR3
13 unique J



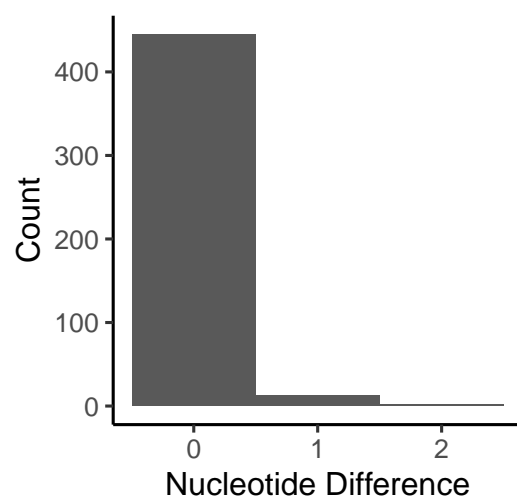
TRBV4–3*ap01

7436 sequences assigned
7385 (99.3%) exact matches, in which:
7329 unique CDR3
13 unique J



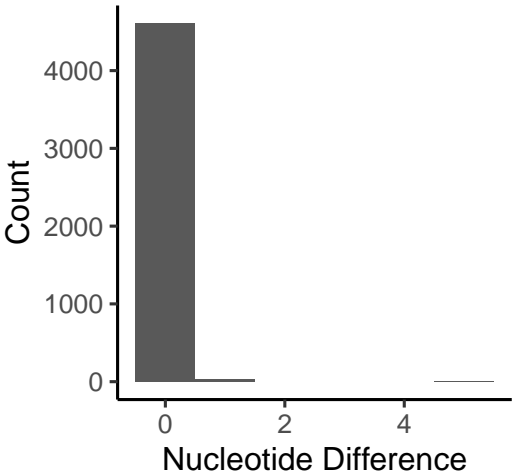
TRBV5–3*ap01

460 sequences assigned
445 (96.7%) exact matches, in which:
441 unique CDR3
13 unique J



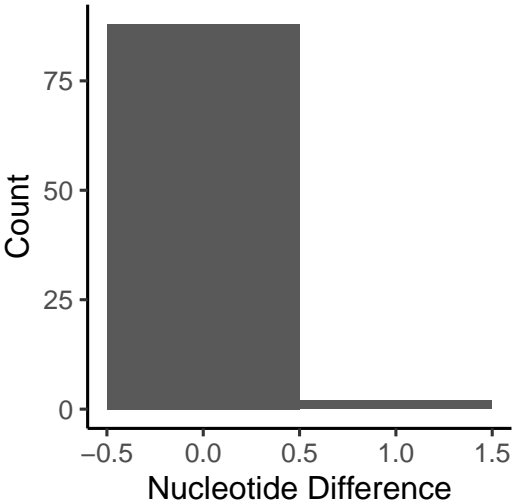
TRBV5-4*ap01

4634 sequences assigned
4607 (99.4%) exact matches, in which:
4591 unique CDR3
14 unique J



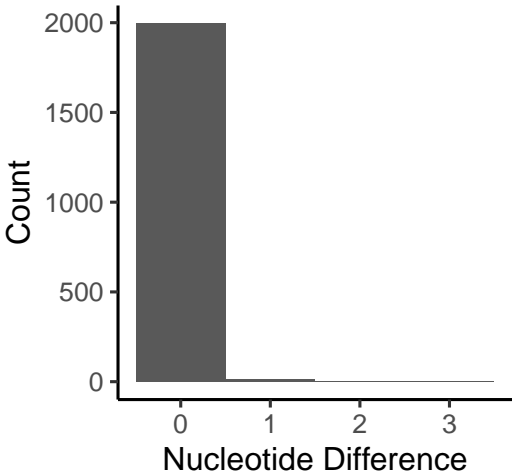
TRBV5-7*ap01

90 sequences assigned
88 (97.8%) exact matches, in which:
87 unique CDR3
12 unique J



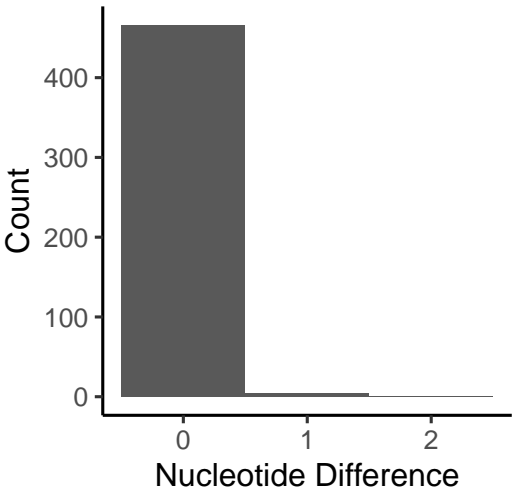
TRBV6-4*ap01

2016 sequences assigned
1996 (99%) exact matches, in which:
1991 unique CDR3
13 unique J



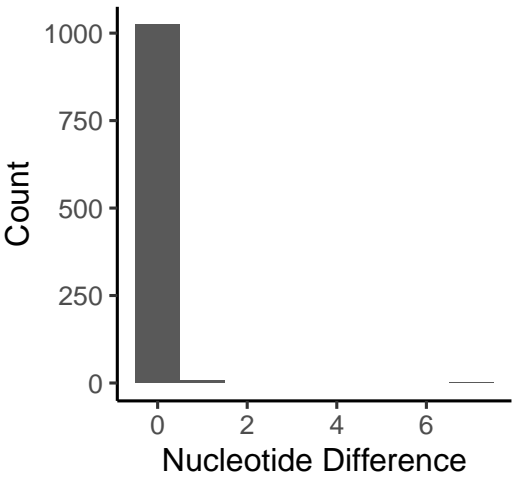
TRBV5-5*ap01

471 sequences assigned
466 (98.9%) exact matches, in which:
466 unique CDR3
13 unique J



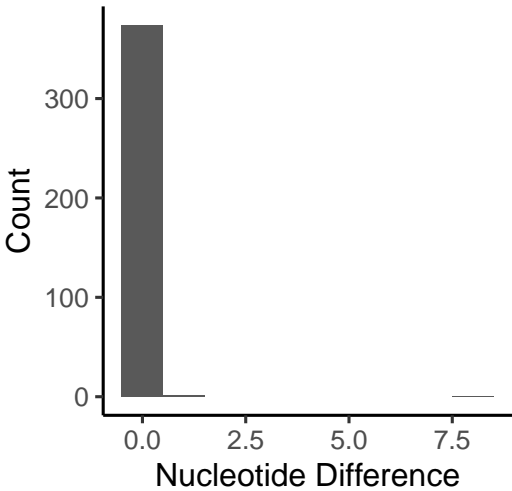
TRBV5-8*ap01

1031 sequences assigned
1024 (99.3%) exact matches, in which:
1022 unique CDR3
13 unique J



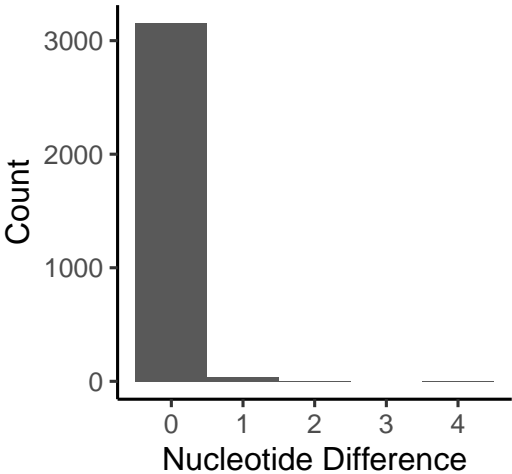
TRBV6-7*ap01

377 sequences assigned
374 (99.2%) exact matches, in which:
363 unique CDR3
13 unique J



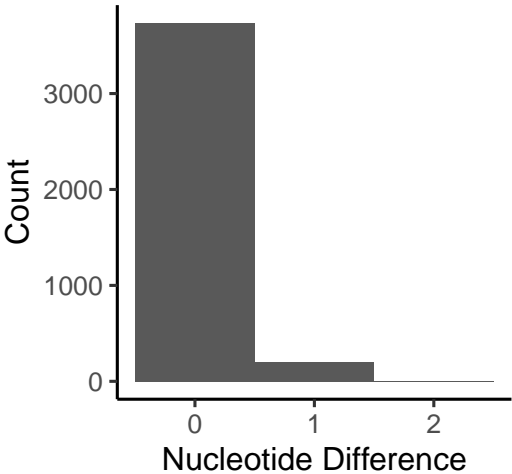
TRBV5-6*ap01

3194 sequences assigned
3155 (98.8%) exact matches, in which:
3128 unique CDR3
13 unique J



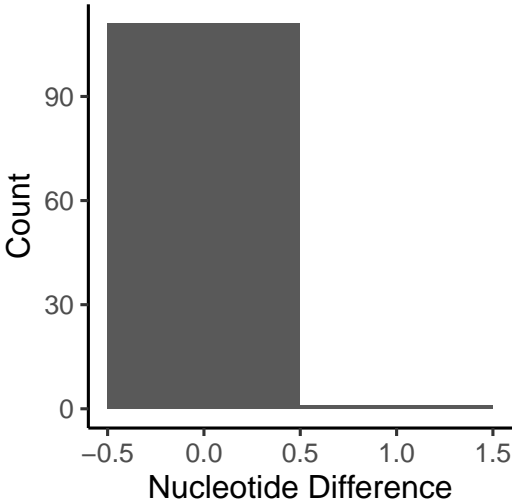
TRBV6-1*ap01

3937 sequences assigned
3735 (94.9%) exact matches, in which:
3706 unique CDR3
13 unique J



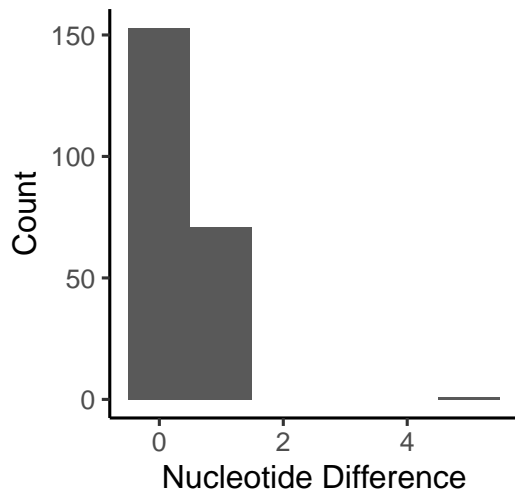
TRBV6-8*ap01

112 sequences assigned
111 (99.1%) exact matches, in which:
111 unique CDR3
13 unique J



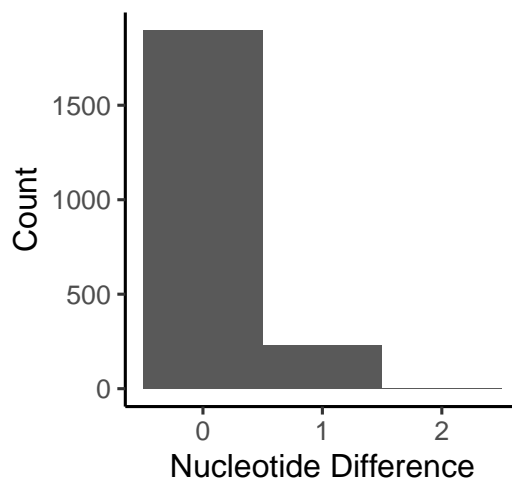
TRBV6-9*ap01

225 sequences assigned
153 (68%) exact matches, in which:
153 unique CDR3
13 unique J



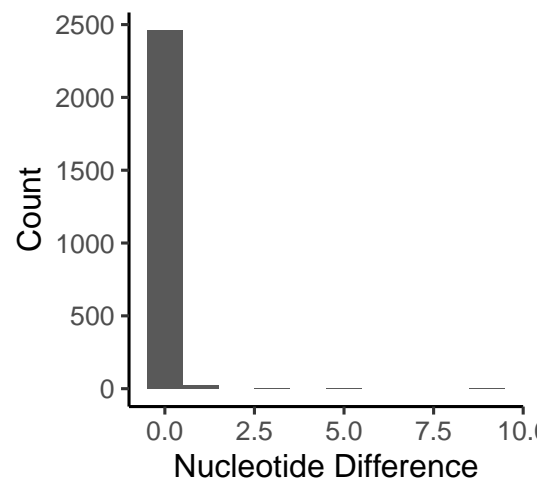
TRBV6-56*ap02

2130 sequences assigned
1896 (89%) exact matches, in which:
1874 unique CDR3
13 unique J



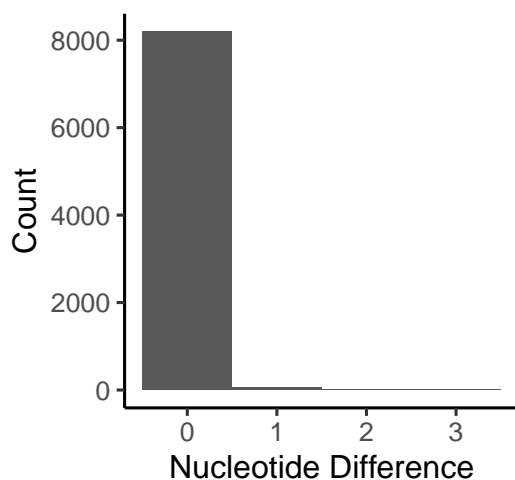
TRBV7-3*ap01

2491 sequences assigned
2460 (98.8%) exact matches, in which:
2449 unique CDR3
13 unique J



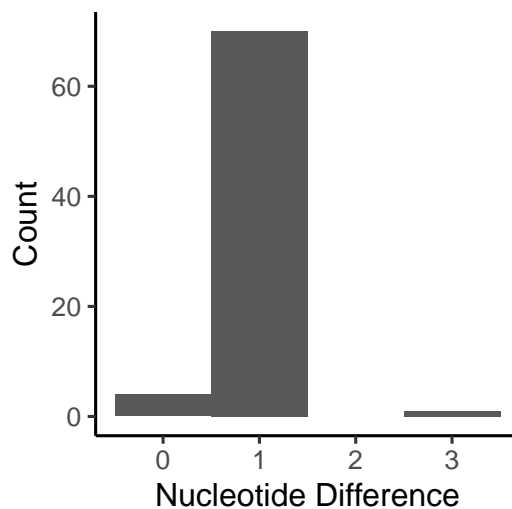
TRBV6-23*ap01

8244 sequences assigned
8194 (99.4%) exact matches, in which:
8133 unique CDR3
13 unique J



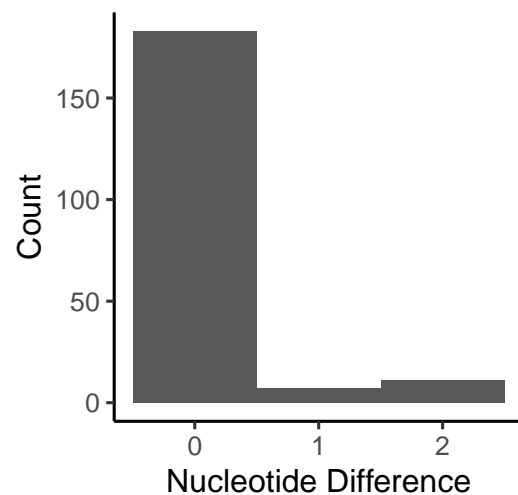
TRBV7-1*ap01_T296C

75 sequences assigned
4 (5.3%) exact matches, in which:
4 unique CDR3
3 unique J



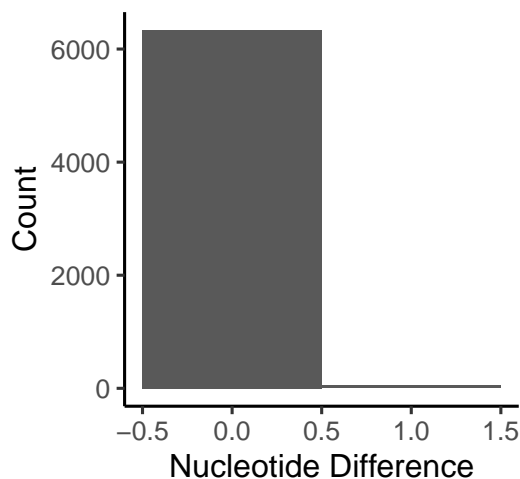
TRBV7-4*ap01

201 sequences assigned
183 (91%) exact matches, in which:
181 unique CDR3
13 unique J



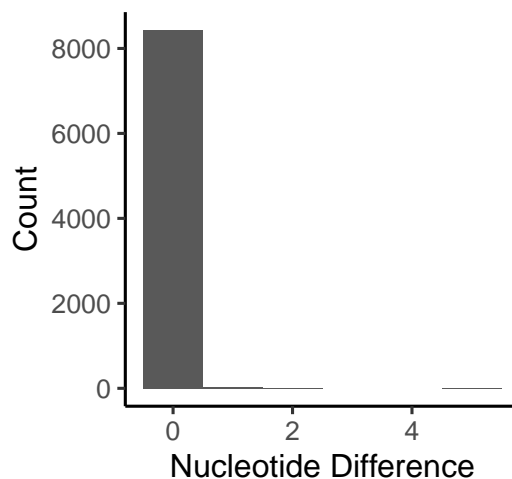
TRBV6-56*ap01

6386 sequences assigned
6336 (99.2%) exact matches, in which:
6276 unique CDR3
13 unique J



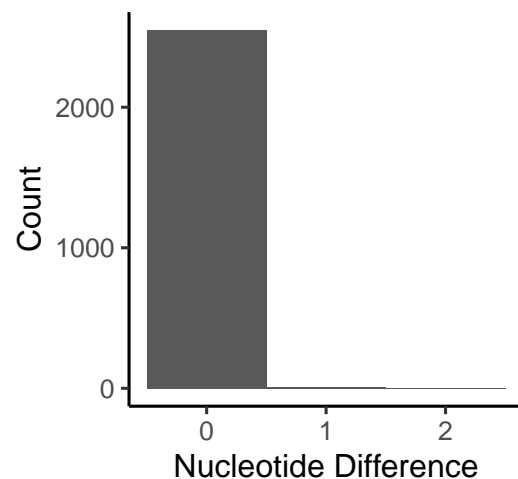
TRBV7-2*ap01

8461 sequences assigned
8433 (99.7%) exact matches, in which:
8391 unique CDR3
14 unique J



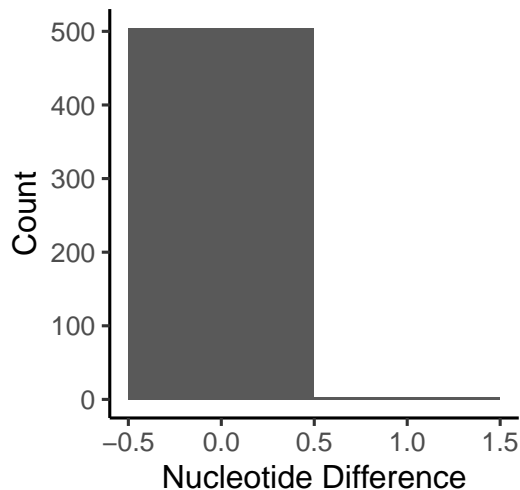
TRBV7-6*ap01

2559 sequences assigned
2549 (99.6%) exact matches, in which:
2526 unique CDR3
13 unique J



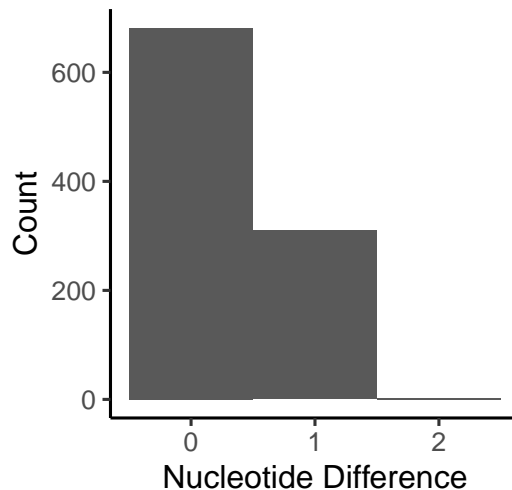
TRBV7-7*ap01

508 sequences assigned
505 (99.4%) exact matches, in which:
500 unique CDR3
13 unique J



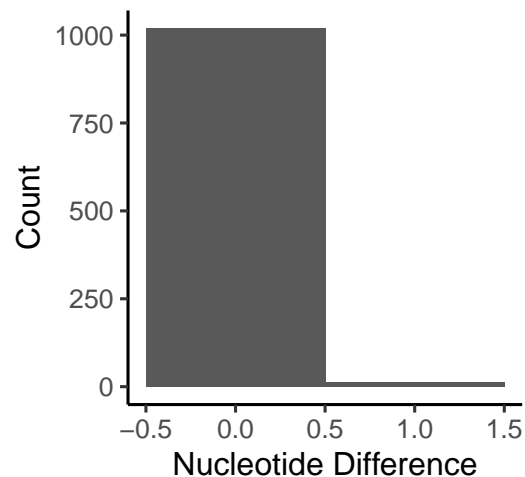
TRBV7-8*ap03

994 sequences assigned
682 (68.6%) exact matches, in which:
677 unique CDR3
13 unique J



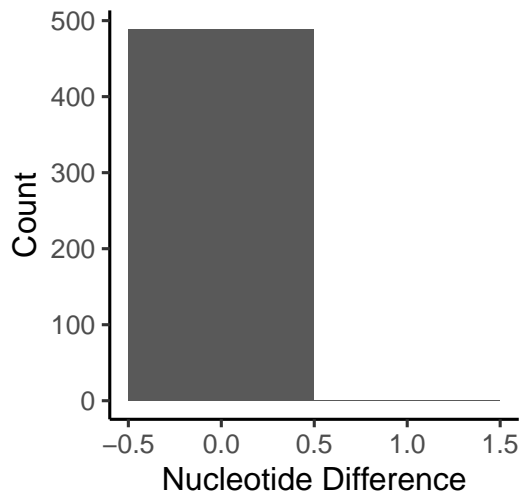
TRBV29-1*ap02

1033 sequences assigned
1019 (98.6%) exact matches, in which:
1000 unique CDR3
13 unique J



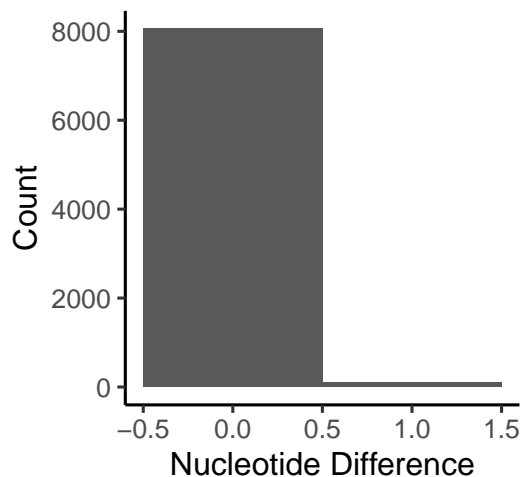
TRBV7-7*ap01_C315T

490 sequences assigned
489 (99.8%) exact matches, in which:
480 unique CDR3
13 unique J



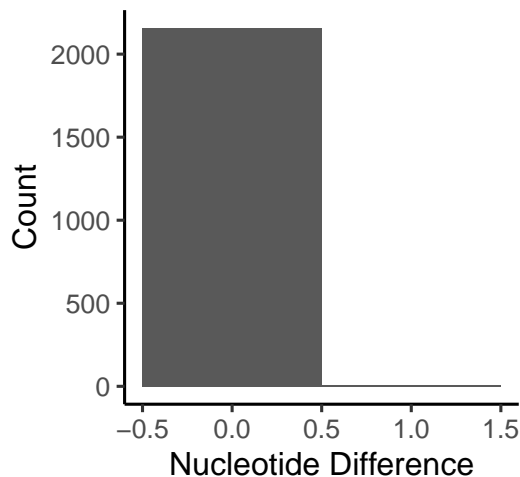
TRBV7-9*ap01

8165 sequences assigned
8058 (98.7%) exact matches, in which:
8024 unique CDR3
13 unique J



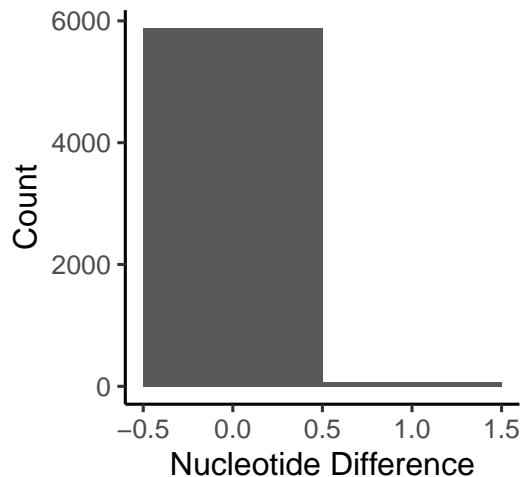
TRBV7-8*ap01

2165 sequences assigned
2157 (99.6%) exact matches, in which:
2141 unique CDR3
13 unique J

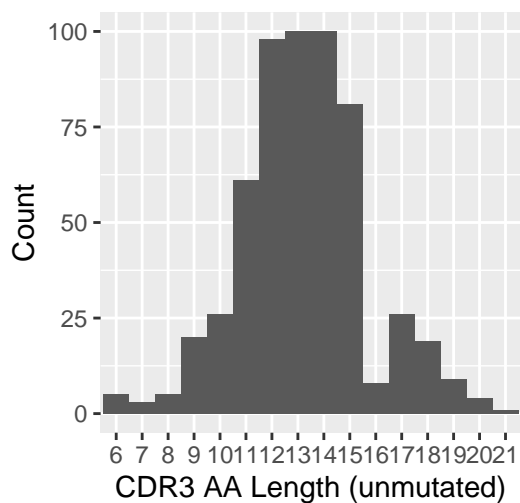


TRBV29-1*ap01

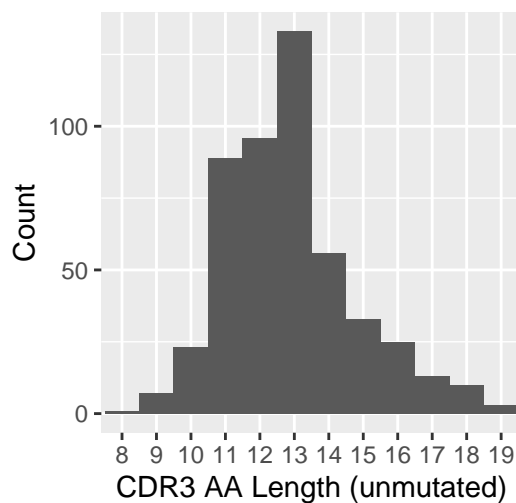
5951 sequences assigned
5882 (98.8%) exact matches, in which:
5778 unique CDR3
13 unique J



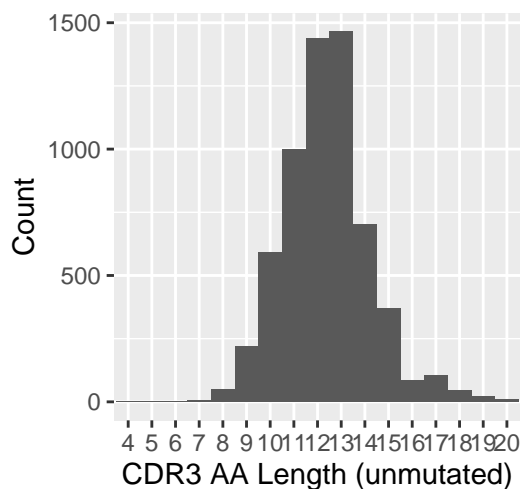
TRBV23-1*ap01_T304C



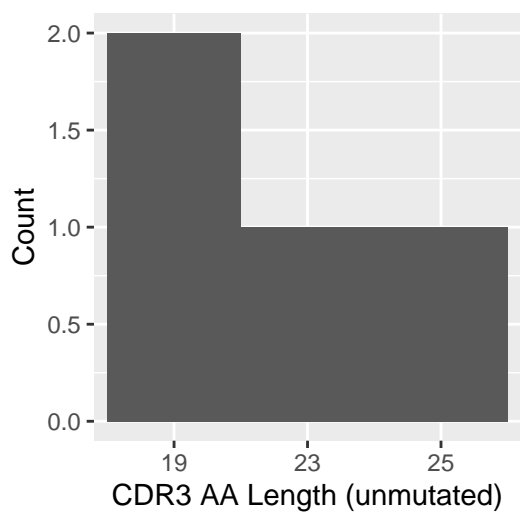
TRBV7-7*ap01_C315T



TRBV28*ap01_A297G



TRBV7-1*ap01_T296C





Warning – no inferred sequences found.

Warning – no inferred sequences found.