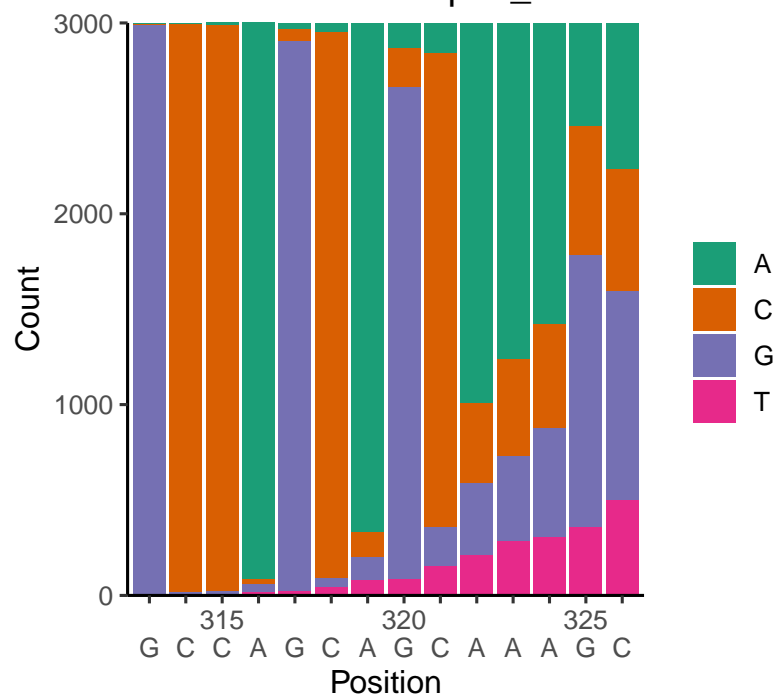
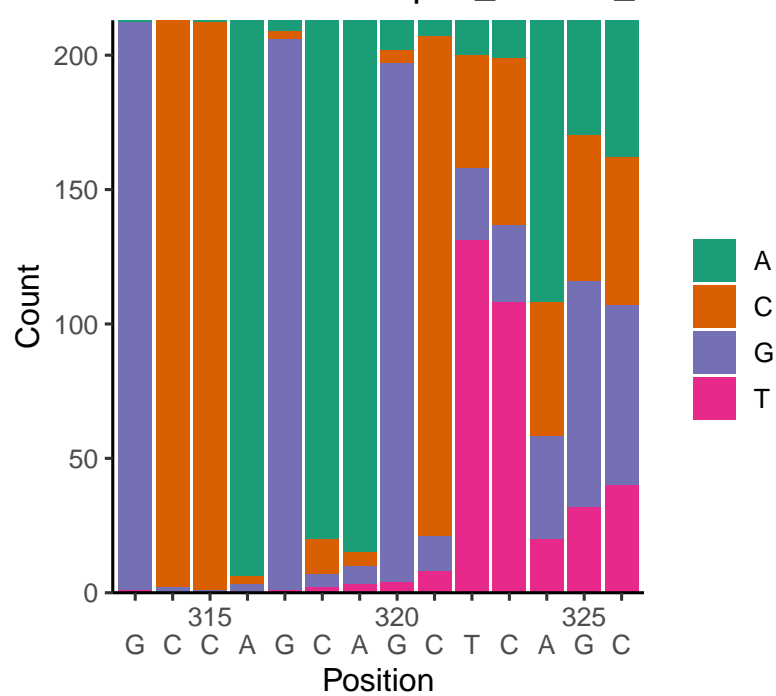


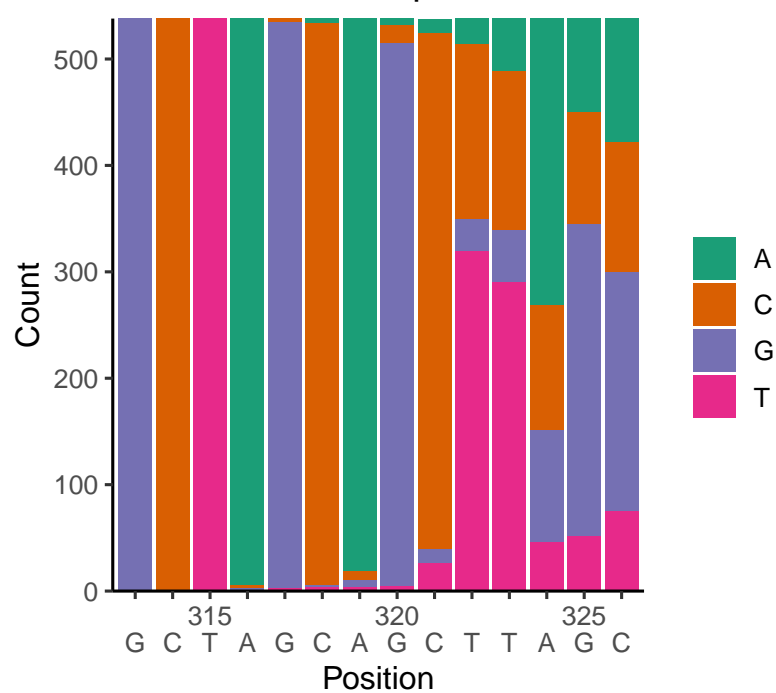
Gene TRBV21-1*ap01_T307C



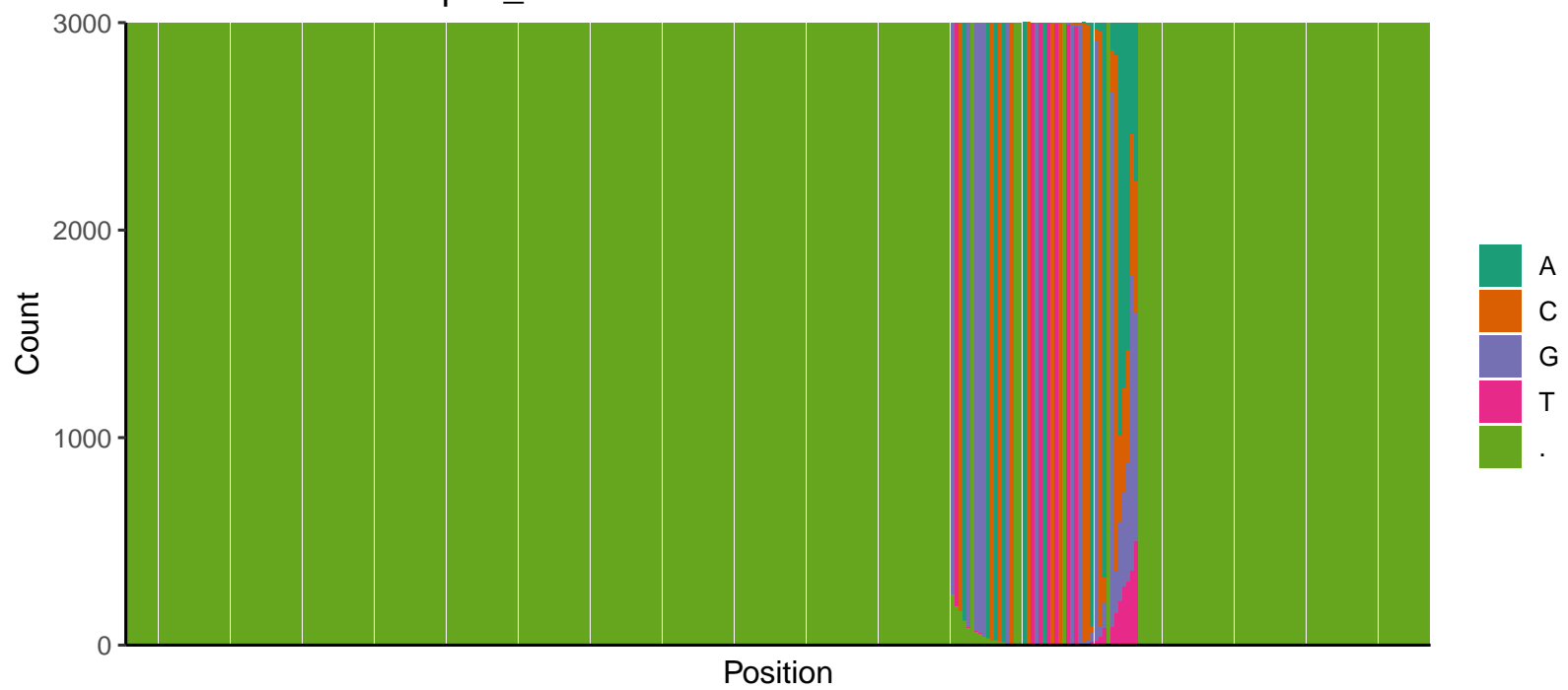
Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



Gene TRBV21-1*ap01_T307C



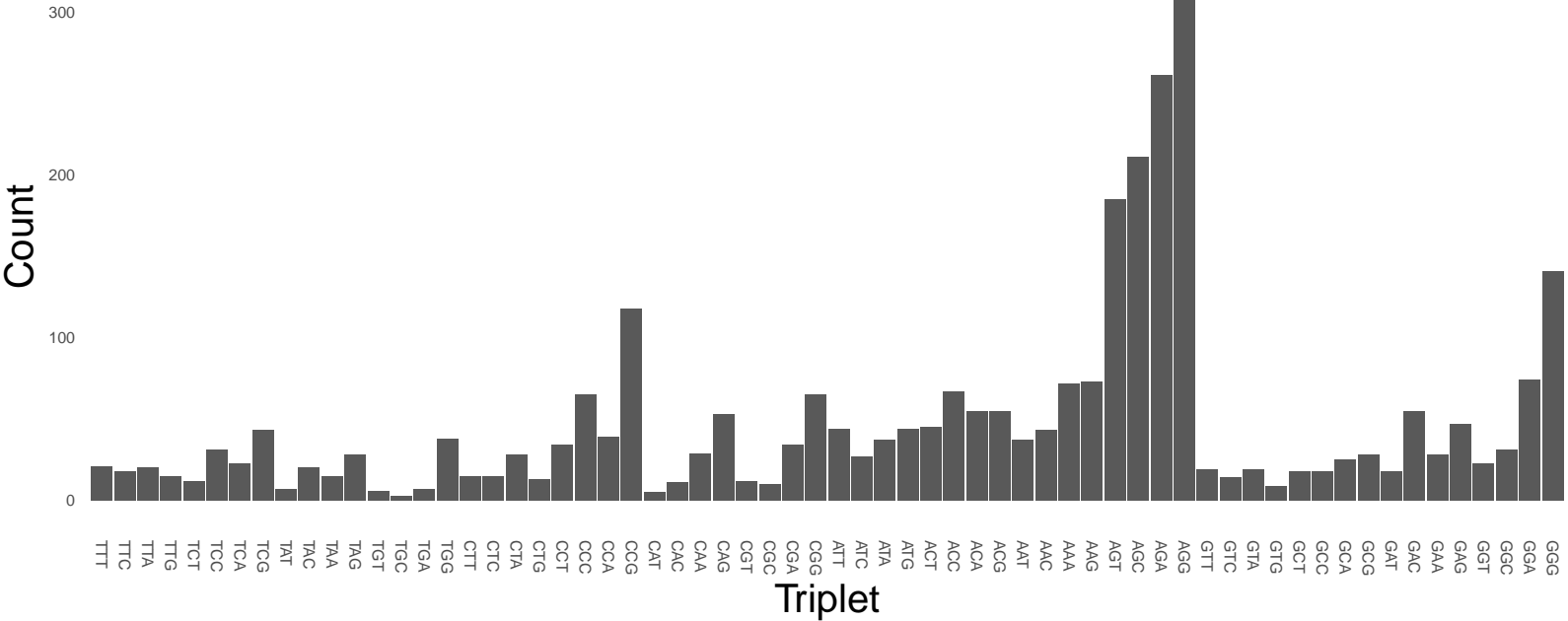
Gene TRBV7-1*ap01_G291C_T296C



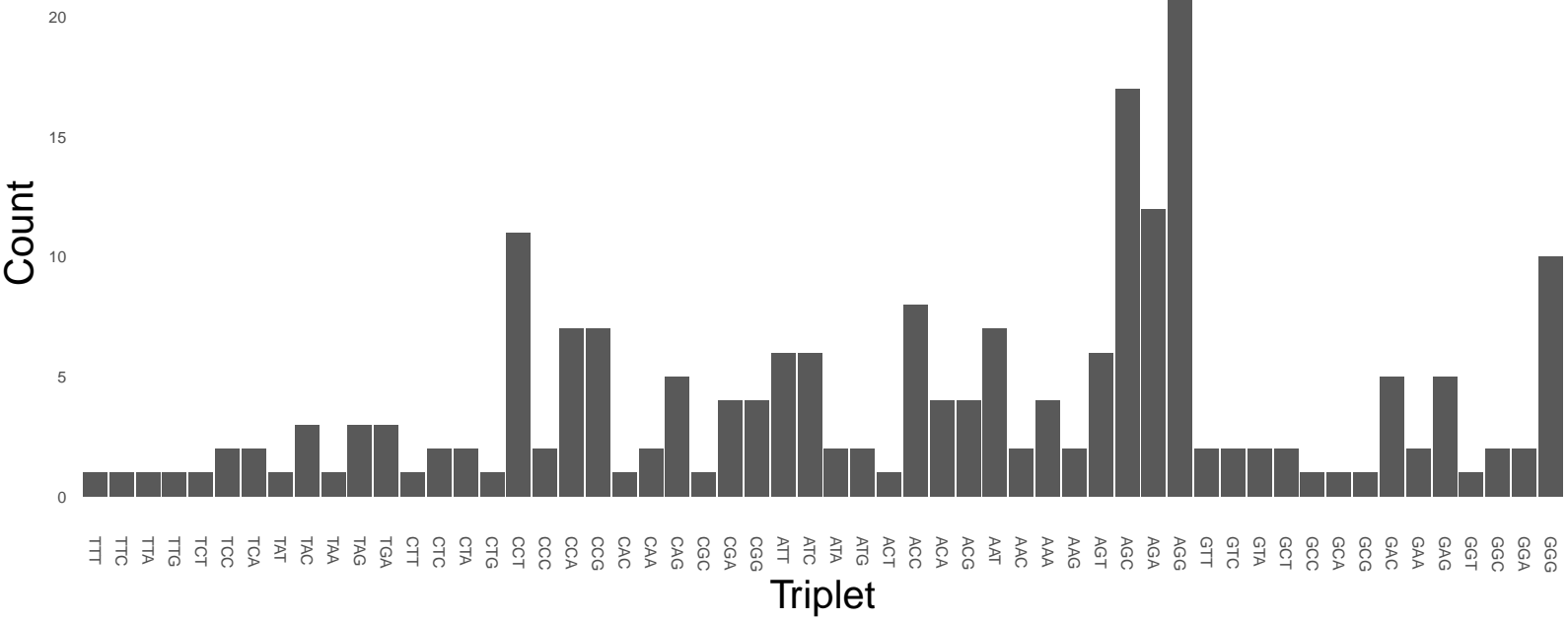
Gene TRBV7-7*ap01_C315T



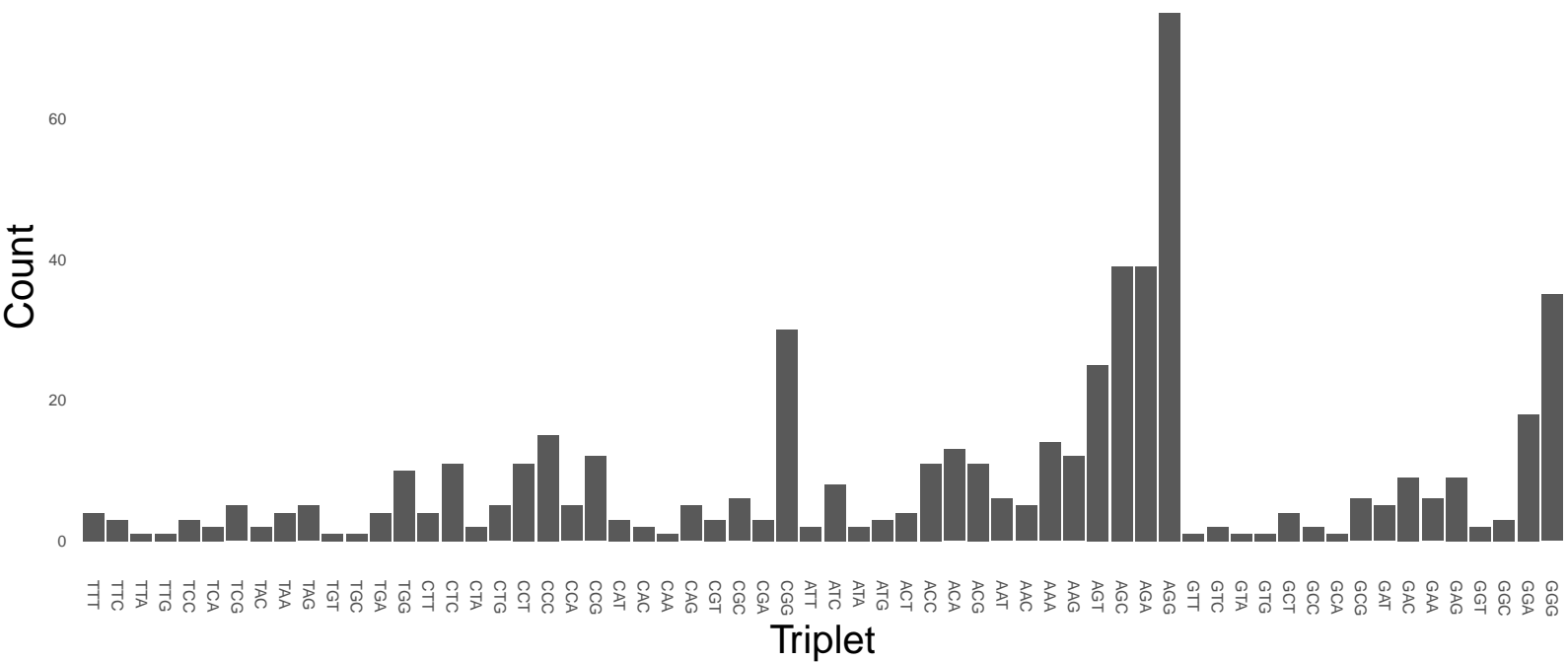
TRBV21-1*ap01_T307C- Final 3 nucleotides as a triplet



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

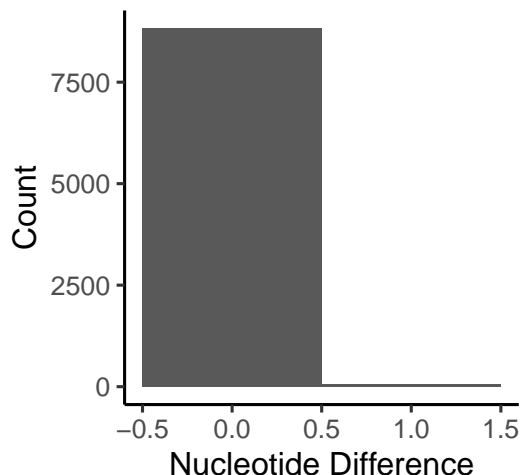


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



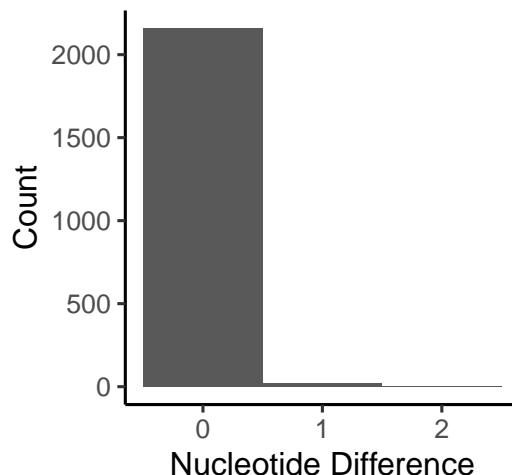
TRBV20-1*ap01

8897 sequences assigned
8824 (99.2%) exact matches, in which:
8750 unique CDR3
13 unique J



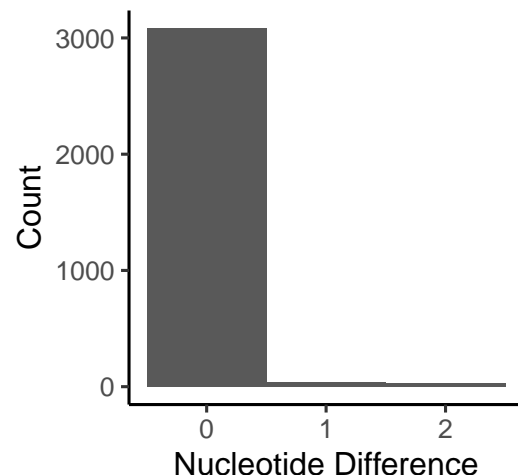
TRBV10-2*ap01

2182 sequences assigned
2158 (98.9%) exact matches, in which:
2129 unique CDR3
13 unique J



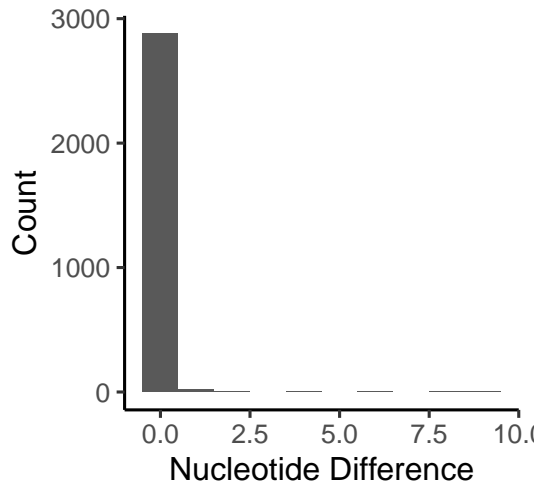
TRBV13*ap01

3151 sequences assigned
3082 (97.8%) exact matches, in which:
3013 unique CDR3
13 unique J



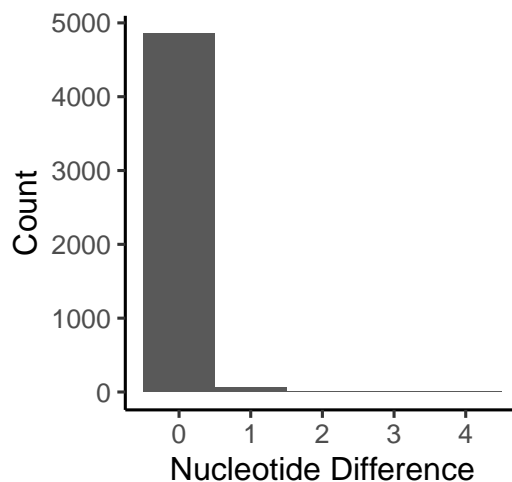
TRBV10-1*ap01

2909 sequences assigned
2879 (99%) exact matches, in which:
2822 unique CDR3
13 unique J



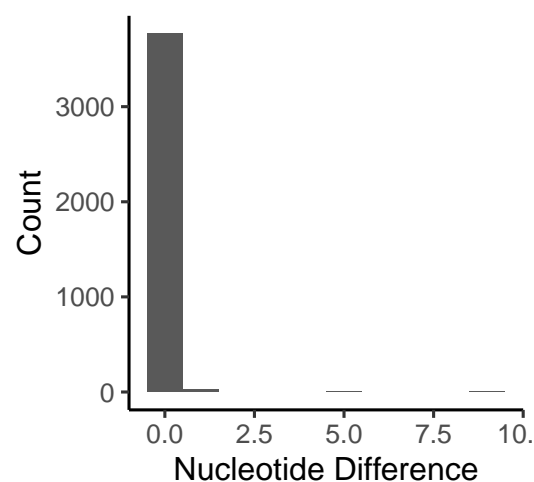
TRBV10-3*ap01

4918 sequences assigned
4853 (98.7%) exact matches, in which:
4785 unique CDR3
13 unique J



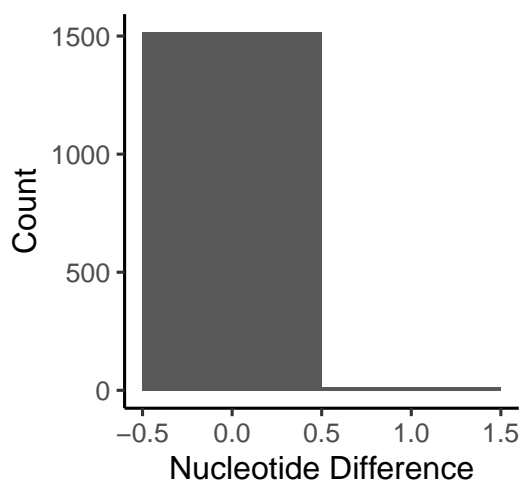
TRBV14*ap01

3791 sequences assigned
3767 (99.4%) exact matches, in which:
3717 unique CDR3
13 unique J



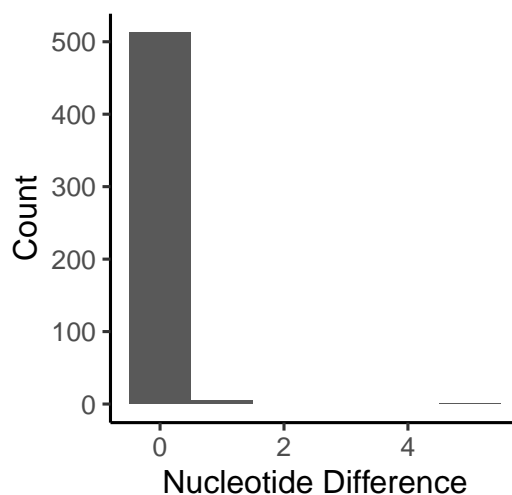
TRBV20-1*ap02

1531 sequences assigned
1517 (99.1%) exact matches, in which:
1502 unique CDR3
13 unique J



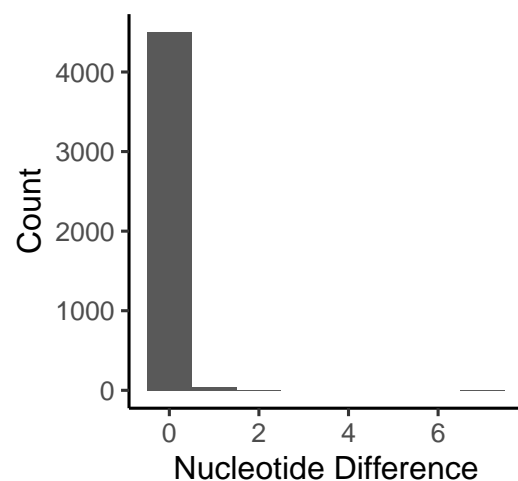
TRBV1*ap01

519 sequences assigned
513 (98.8%) exact matches, in which:
504 unique CDR3
13 unique J



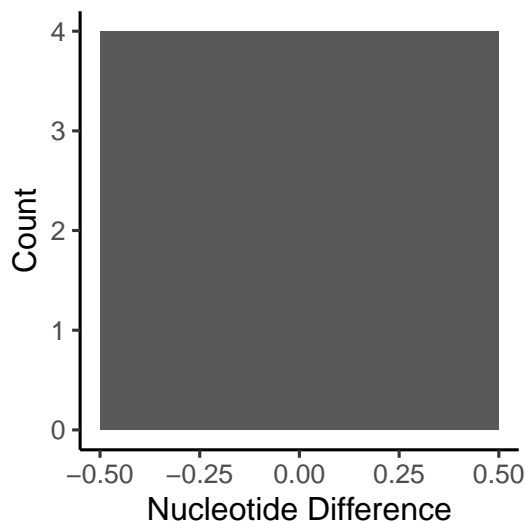
TRBV15*ap01

4550 sequences assigned
4502 (98.9%) exact matches, in which:
4426 unique CDR3
13 unique J



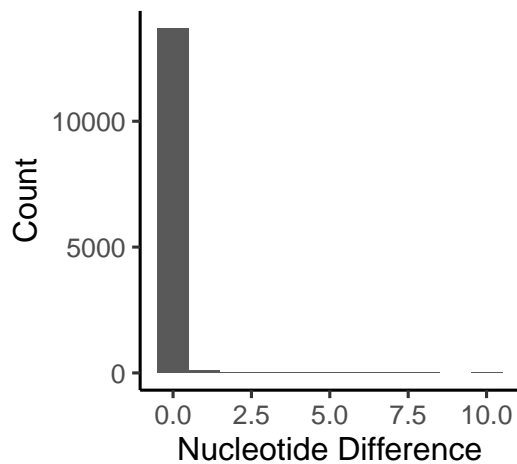
TRBV16*ap01

4 sequences assigned
4 (100%) exact matches, in which:
4 unique CDR3
4 unique J



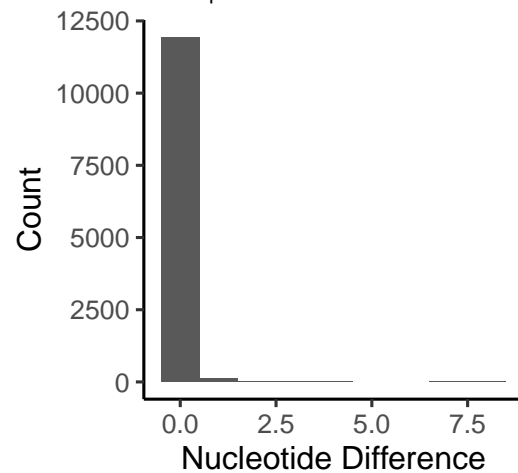
TRBV19*ap01

13835 sequences assigned
13699 (99%) exact matches, in which:
13589 unique CDR3
13 unique J



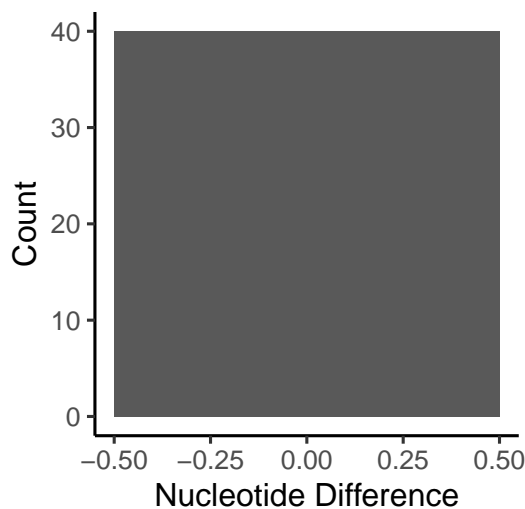
TRBV27*ap01

12086 sequences assigned
11938 (98.8%) exact matches, in which:
11705 unique CDR3
13 unique J



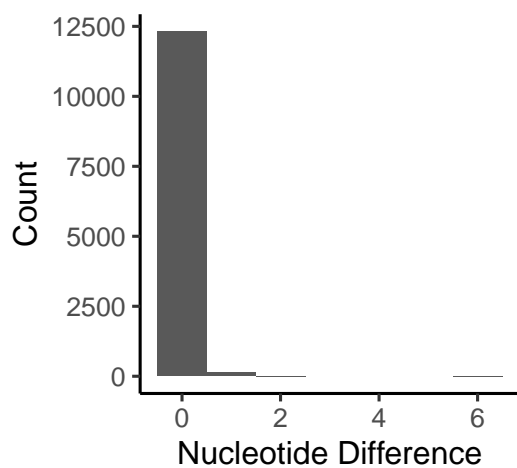
TRBV17*ap01

40 sequences assigned
40 (100%) exact matches, in which:
38 unique CDR3
11 unique J



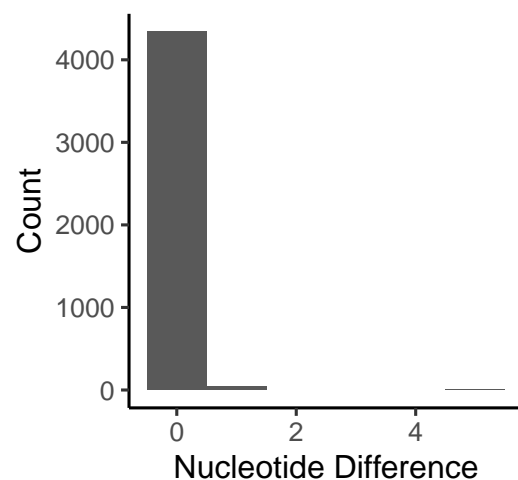
TRBV2*ap01

12468 sequences assigned
12317 (98.8%) exact matches, in which:
12101 unique CDR3
13 unique J



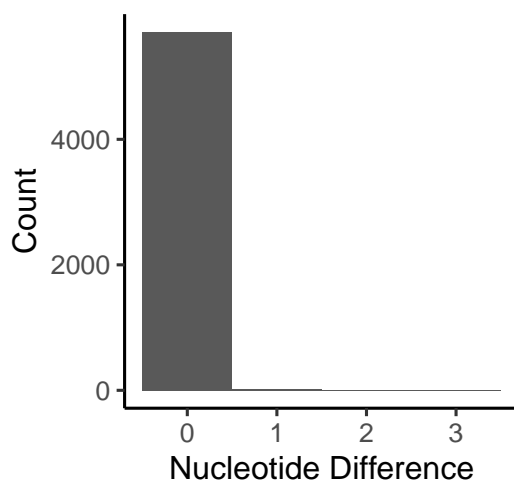
TRBV28*ap01

4385 sequences assigned
4340 (99%) exact matches, in which:
4271 unique CDR3
13 unique J



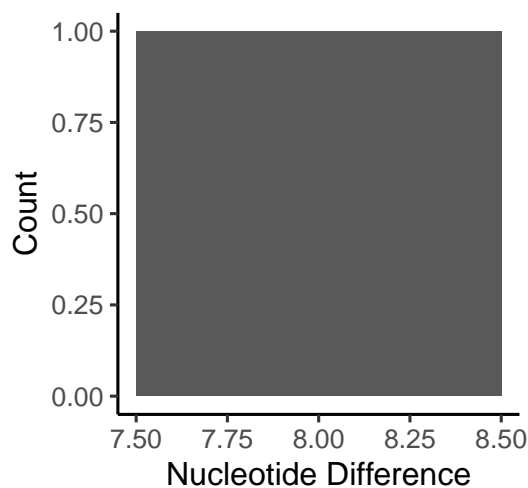
TRBV18*ap01

5733 sequences assigned
5710 (99.6%) exact matches, in which:
5658 unique CDR3
13 unique J



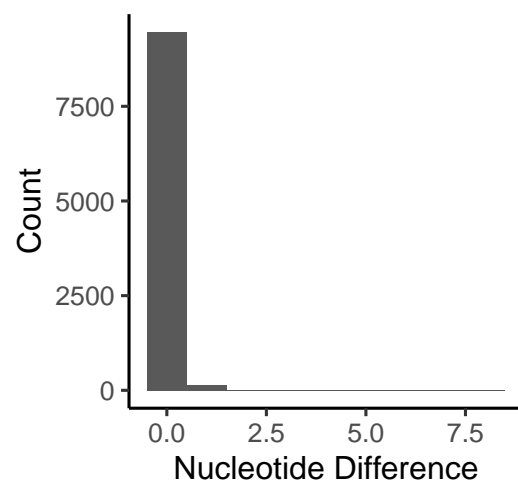
TRBV26*ap01

1 sequences assigned
No exact matches.



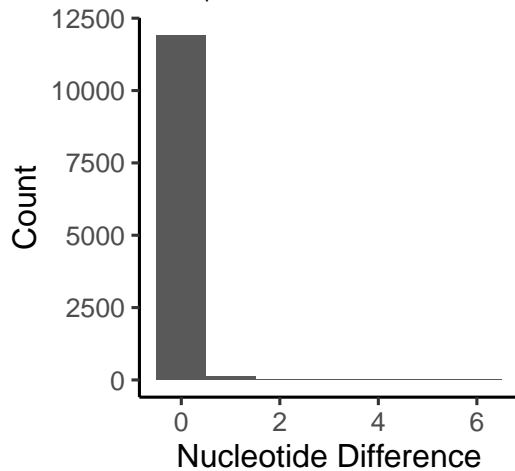
TRBV30*ap02

9617 sequences assigned
9461 (98.4%) exact matches, in which:
9351 unique CDR3
13 unique J



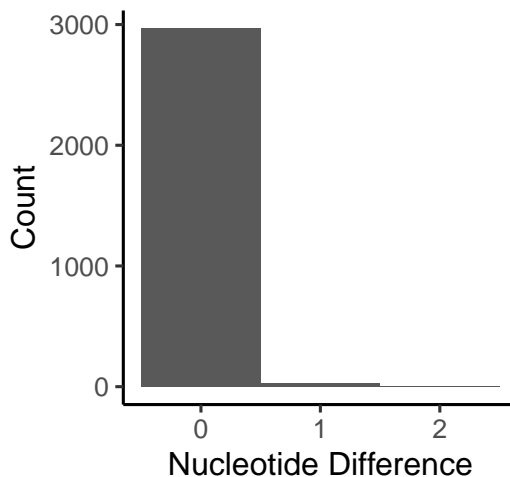
TRBV9*ap01

12043 sequences assigned
11914 (98.9%) exact matches, in which:
11764 unique CDR3
13 unique J



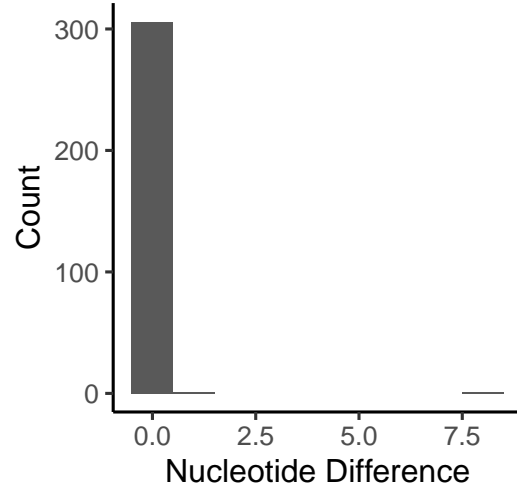
TRBV21-1*ap01_T307C

3000 sequences assigned
2968 (98.9%) exact matches, in which:
2941 unique CDR3
13 unique J



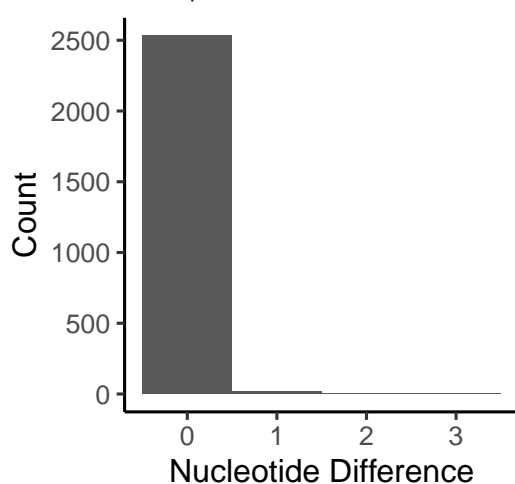
TRBV12-1*ap01

308 sequences assigned
306 (99.4%) exact matches, in which:
303 unique CDR3
13 unique J



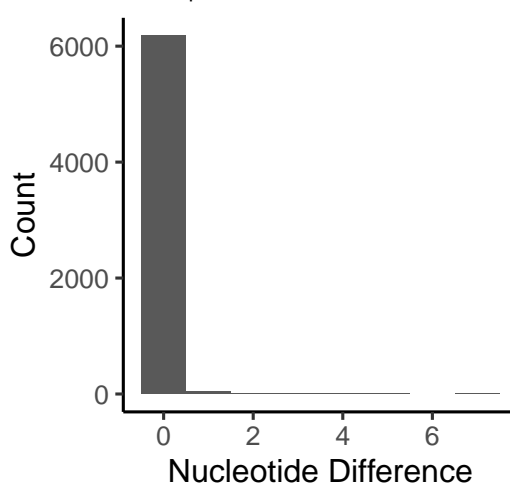
TRBV21-1*ap01

2558 sequences assigned
2532 (99%) exact matches, in which:
2503 unique CDR3
13 unique J



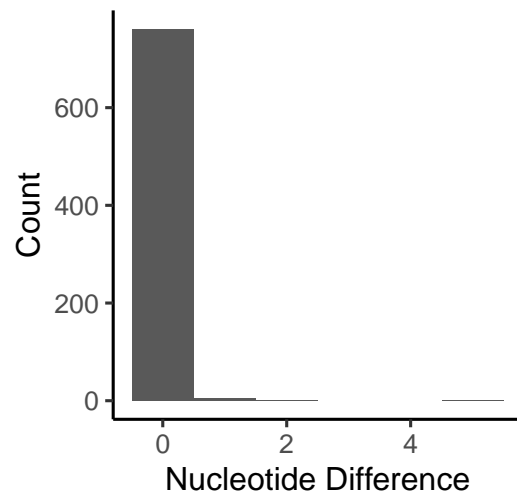
TRBV11-2*ap01

6224 sequences assigned
6180 (99.3%) exact matches, in which:
6122 unique CDR3
13 unique J



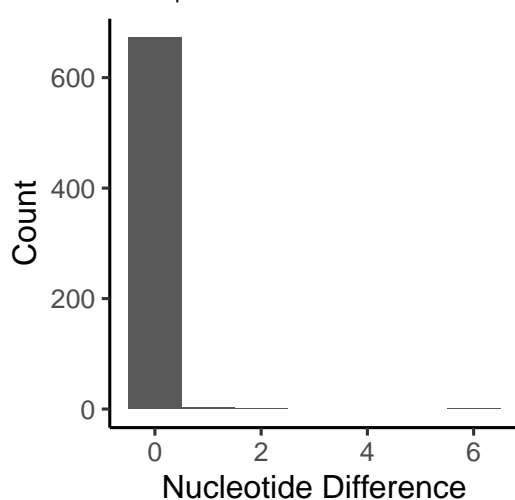
TRBV12-2*ap01

769 sequences assigned
761 (99%) exact matches, in which:
751 unique CDR3
13 unique J



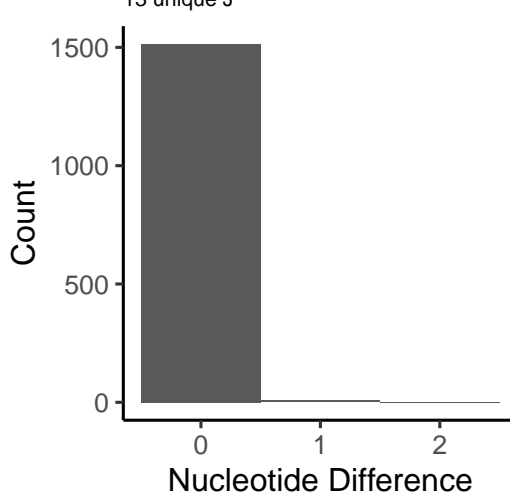
TRBV11-1*ap01

678 sequences assigned
673 (99.3%) exact matches, in which:
656 unique CDR3
13 unique J



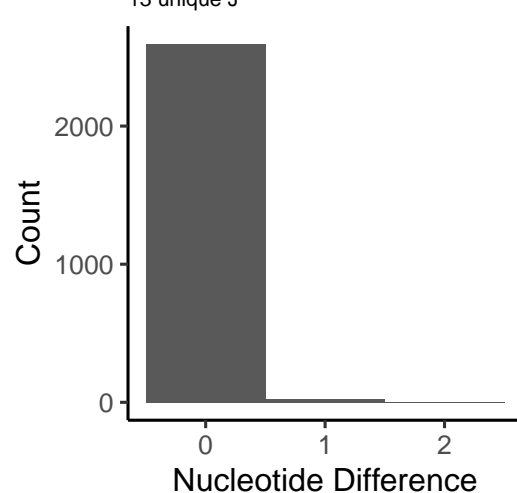
TRBV11-3*ap01

1523 sequences assigned
1514 (99.4%) exact matches, in which:
1508 unique CDR3
13 unique J



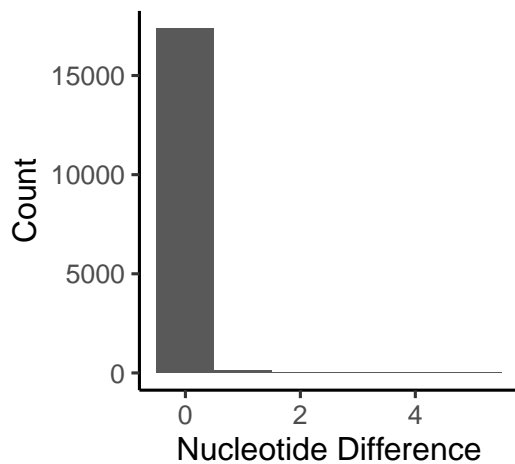
TRBV12-5*ap01

2618 sequences assigned
2594 (99.1%) exact matches, in which:
2547 unique CDR3
13 unique J



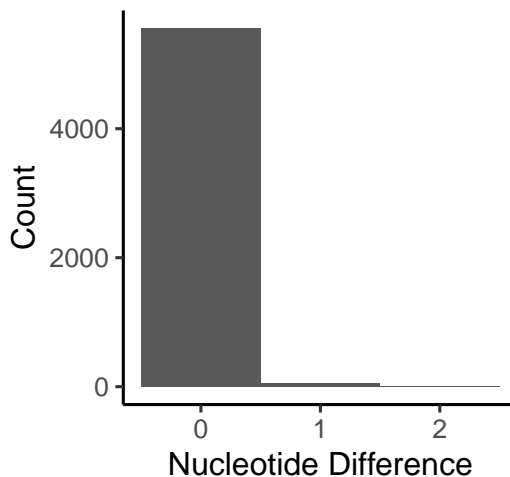
TRBV12–34*ap01

17551 sequences assigned
17389 (99.1%) exact matches, in which:
17141 unique CDR3
13 unique J



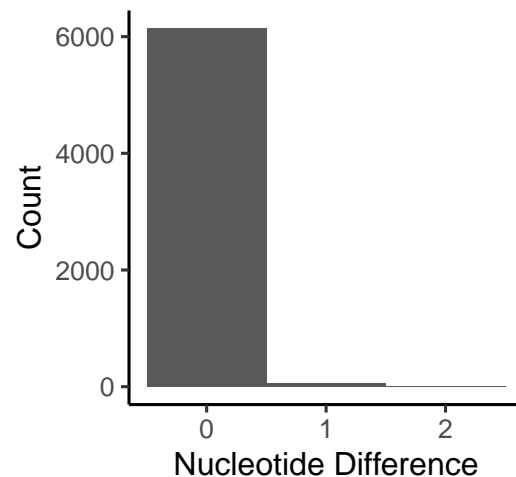
TRBV4–1*ap01

5613 sequences assigned
5555 (99%) exact matches, in which:
5454 unique CDR3
13 unique J



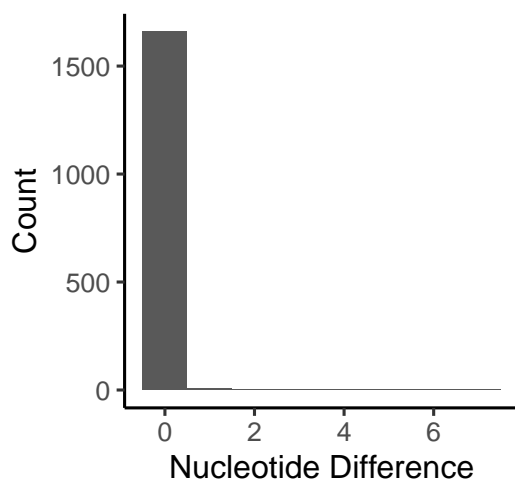
TRBV4–3*ap01

6213 sequences assigned
6141 (98.8%) exact matches, in which:
6055 unique CDR3
13 unique J



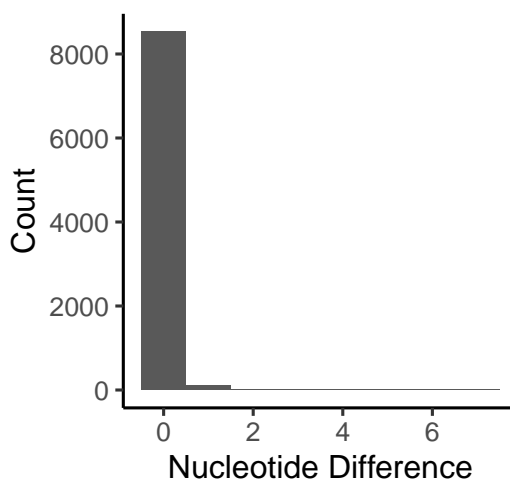
TRBV23–1*ap01

1679 sequences assigned
1659 (98.8%) exact matches, in which:
1641 unique CDR3
13 unique J



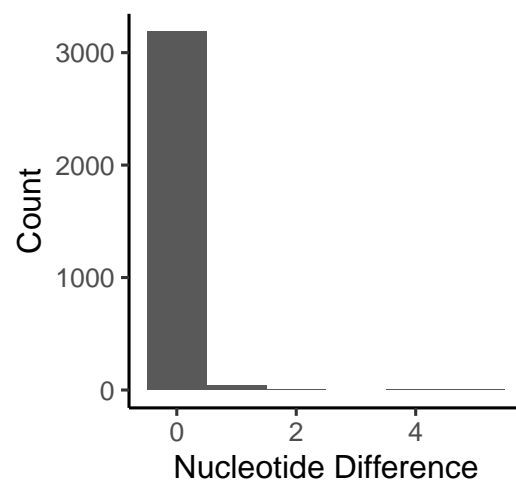
TRBV24–1*ap01

8664 sequences assigned
8530 (98.5%) exact matches, in which:
8419 unique CDR3
13 unique J



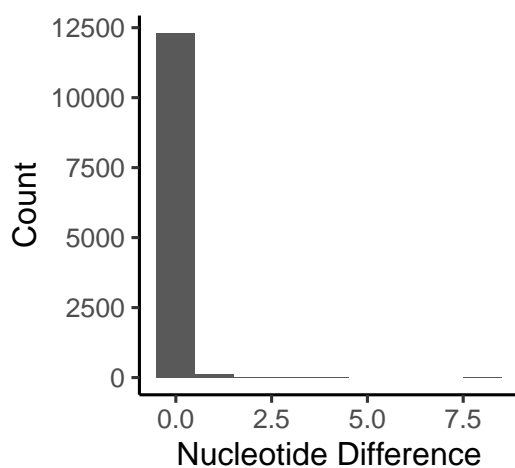
TRBV25–1*ap01

3235 sequences assigned
3186 (98.5%) exact matches, in which:
3139 unique CDR3
13 unique J



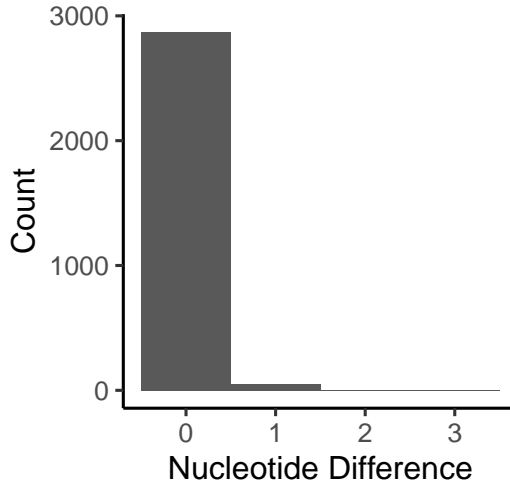
TRBV3–12*ap01

12458 sequences assigned
12317 (98.9%) exact matches, in which:
12117 unique CDR3
13 unique J



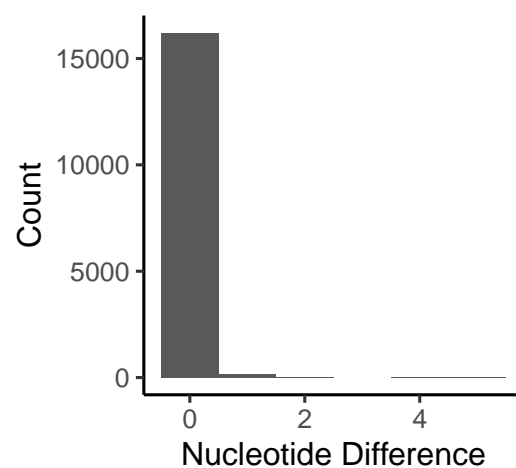
TRBV4–2*ap01

2923 sequences assigned
2870 (98.2%) exact matches, in which:
2839 unique CDR3
13 unique J



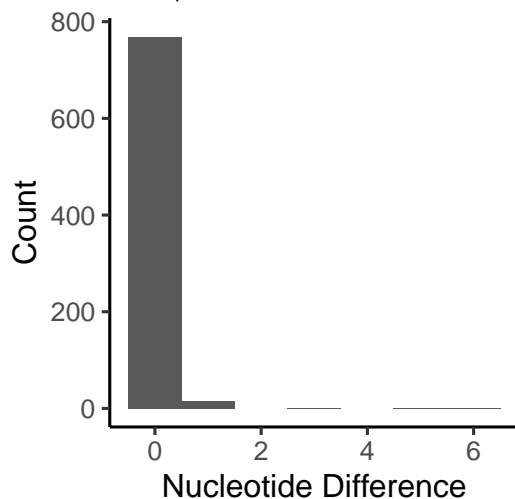
TRBV5–1*ap01

16388 sequences assigned
16209 (98.9%) exact matches, in which:
15894 unique CDR3
13 unique J



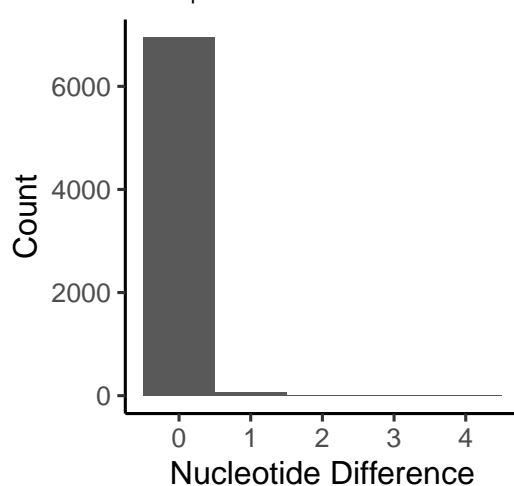
TRBV5-3*ap01

787 sequences assigned
769 (97.7%) exact matches, in which:
762 unique CDR3
13 unique J



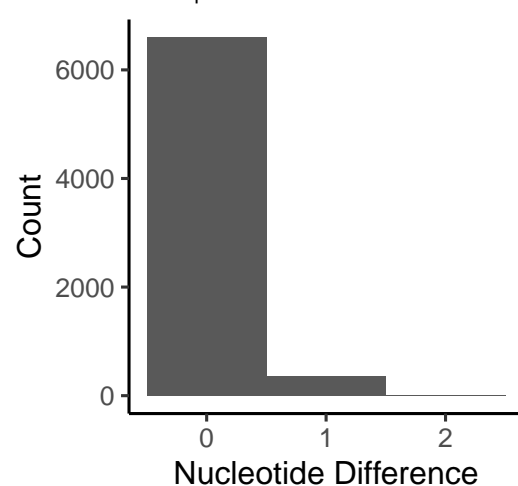
TRBV5-6*ap01

7020 sequences assigned
6949 (99%) exact matches, in which:
6800 unique CDR3
13 unique J



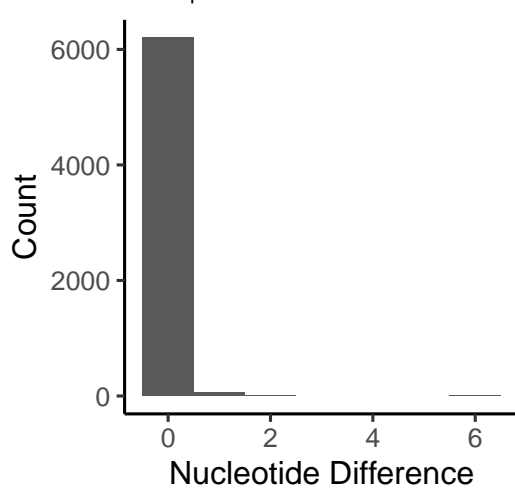
TRBV6-1*ap01

6954 sequences assigned
6598 (94.9%) exact matches, in which:
6479 unique CDR3
13 unique J



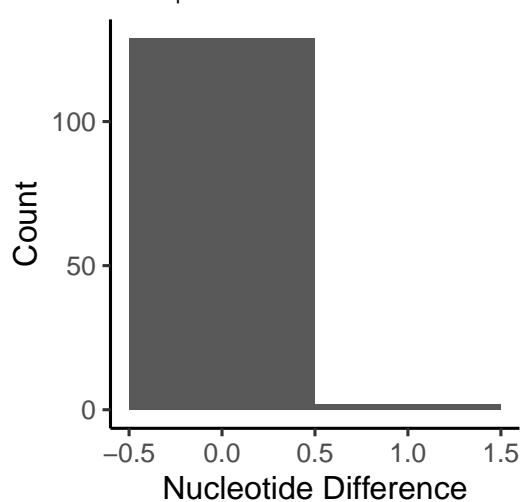
TRBV5-4*ap01

6260 sequences assigned
6202 (99.1%) exact matches, in which:
6094 unique CDR3
13 unique J



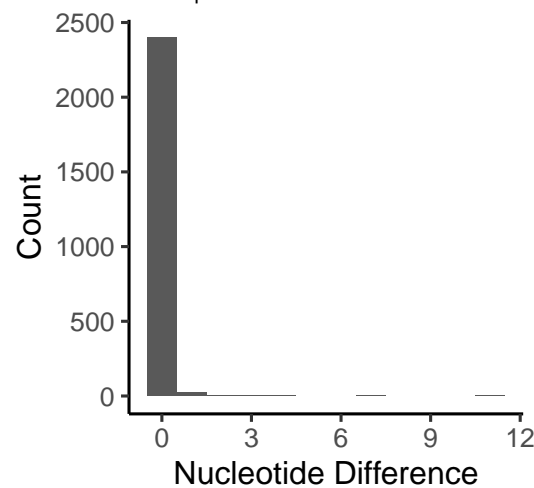
TRBV5-7*ap01

131 sequences assigned
129 (98.5%) exact matches, in which:
127 unique CDR3
13 unique J



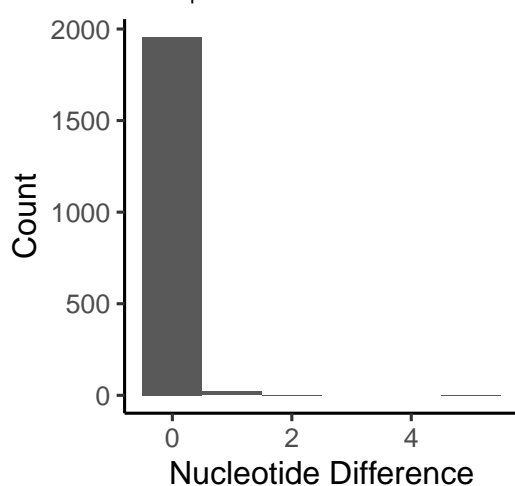
TRBV6-4*ap01

2434 sequences assigned
2398 (98.5%) exact matches, in which:
2357 unique CDR3
13 unique J



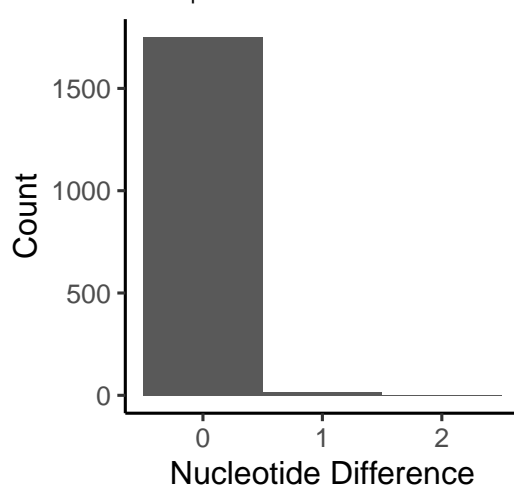
TRBV5-5*ap01

1979 sequences assigned
1956 (98.8%) exact matches, in which:
1947 unique CDR3
13 unique J



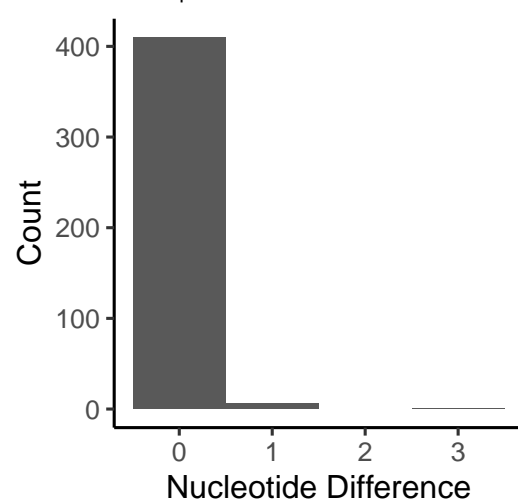
TRBV5-8*ap01

1769 sequences assigned
1751 (99%) exact matches, in which:
1735 unique CDR3
13 unique J



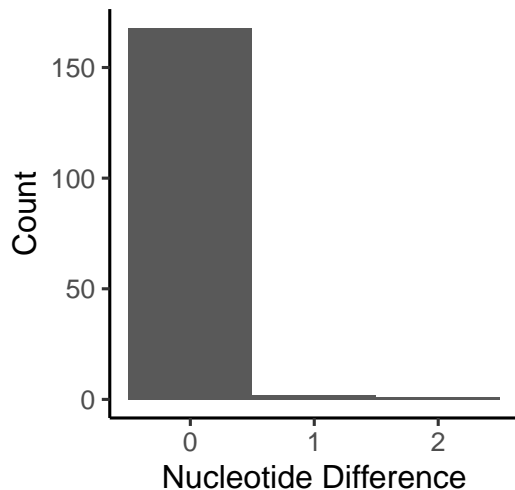
TRBV6-7*ap01

417 sequences assigned
410 (98.3%) exact matches, in which:
397 unique CDR3
13 unique J



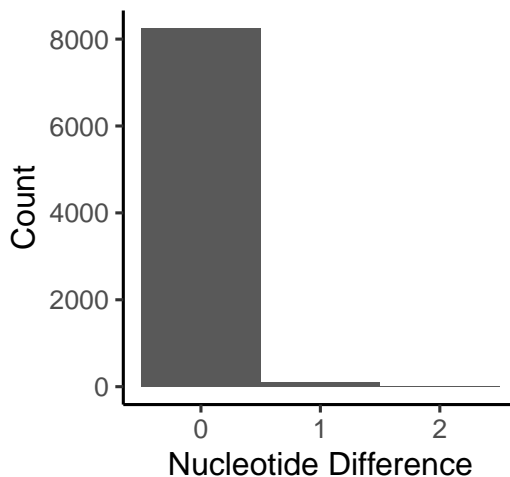
TRBV6-8*ap01

171 sequences assigned
168 (98.2%) exact matches, in which:
165 unique CDR3
13 unique J



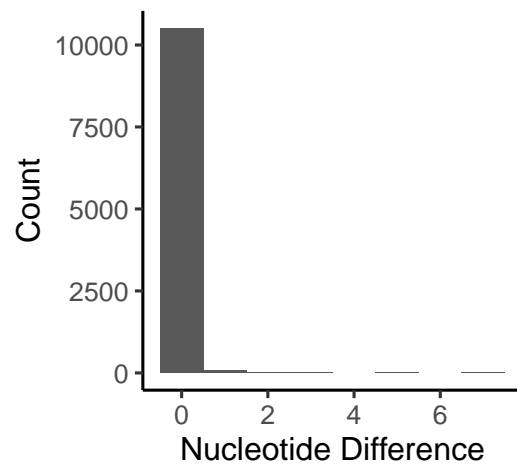
TRBV6-56*ap01

8347 sequences assigned
8246 (98.8%) exact matches, in which:
8091 unique CDR3
13 unique J



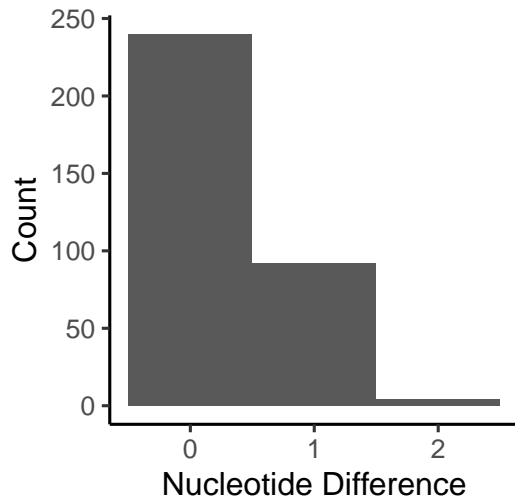
TRBV7-2*ap01

10603 sequences assigned
10513 (99.2%) exact matches, in which:
10372 unique CDR3
13 unique J



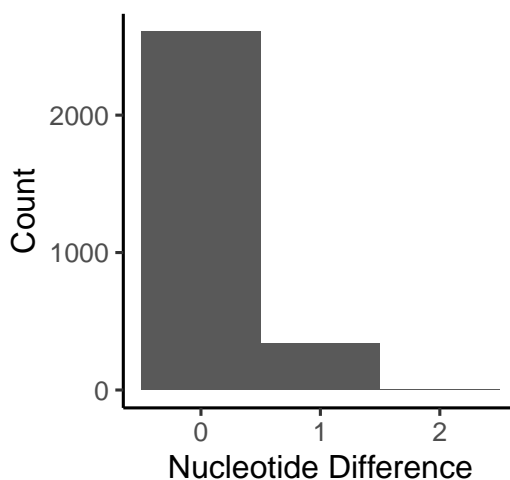
TRBV6-9*ap01

336 sequences assigned
240 (71.4%) exact matches, in which:
236 unique CDR3
13 unique J



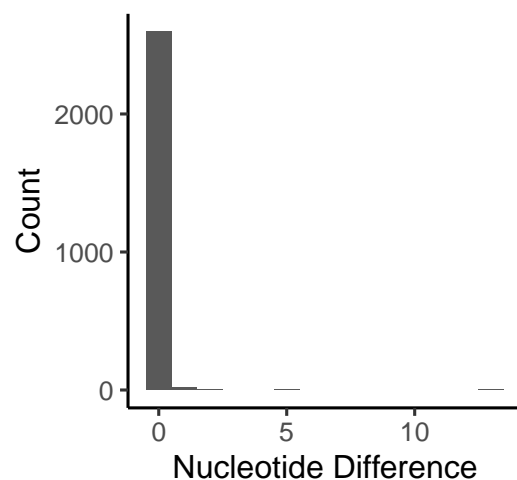
TRBV6-56*ap02

2953 sequences assigned
2607 (88.3%) exact matches, in which:
2553 unique CDR3
13 unique J



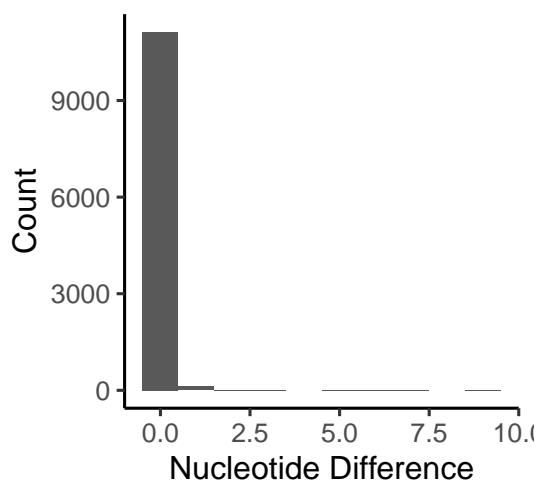
TRBV7-3*ap01

2621 sequences assigned
2596 (99%) exact matches, in which:
2563 unique CDR3
13 unique J



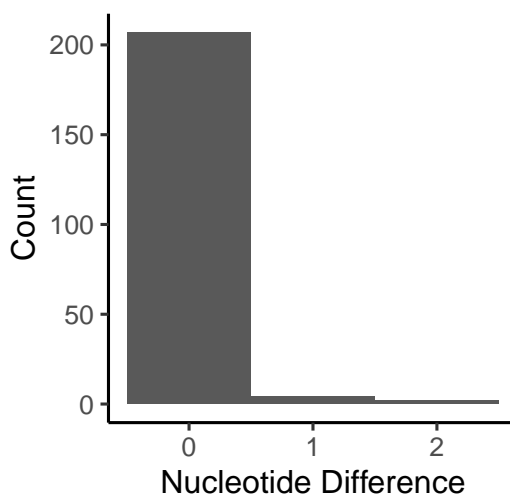
TRBV6-23*ap01

11260 sequences assigned
11126 (98.8%) exact matches, in which:
10931 unique CDR3
13 unique J



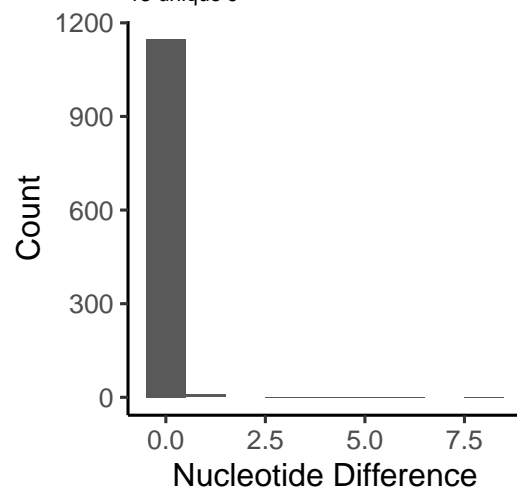
TRBV7-1*ap01_G291C_

213 sequences assigned
207 (97.2%) exact matches, in which:
206 unique CDR3
13 unique J



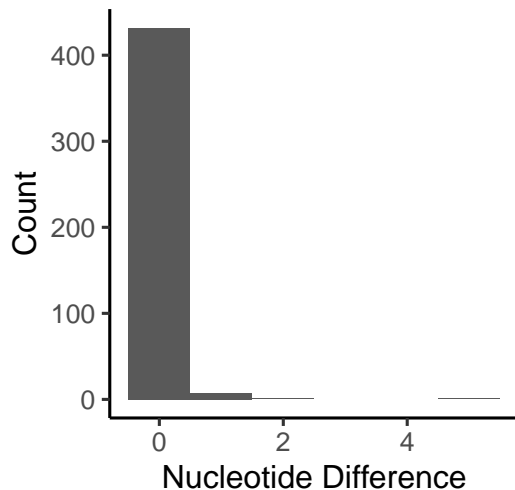
TRBV7-3*ap02

1163 sequences assigned
1148 (98.7%) exact matches, in which:
1134 unique CDR3
13 unique J



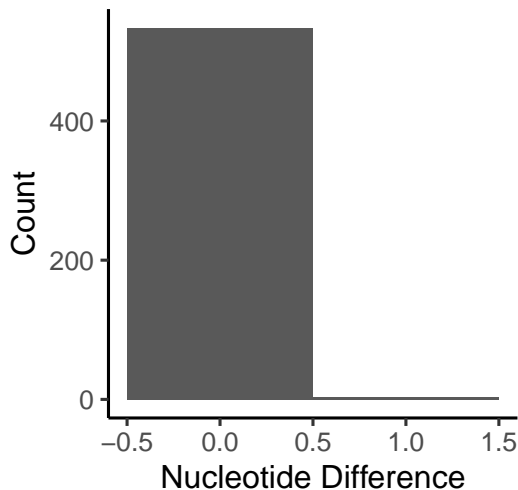
TRBV7-4*ap01

441 sequences assigned
432 (98%) exact matches, in which:
425 unique CDR3
13 unique J



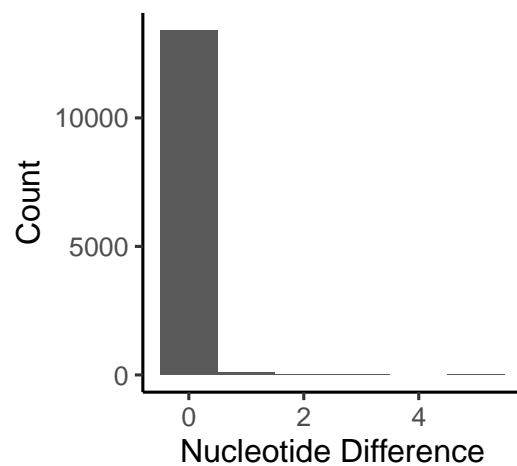
TRBV7-7*ap01_C315T

538 sequences assigned
534 (99.3%) exact matches, in which:
527 unique CDR3
13 unique J



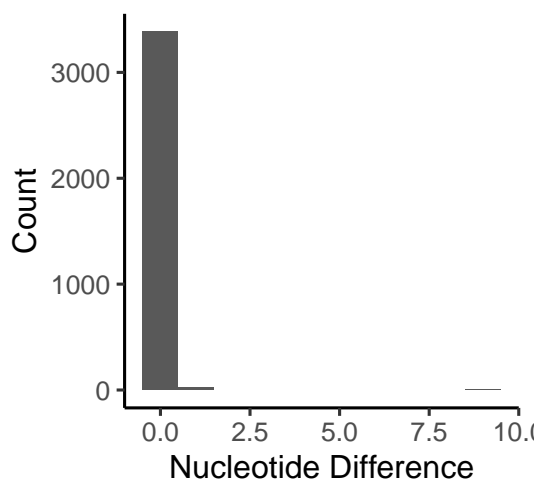
TRBV7-9*ap01

13524 sequences assigned
13413 (99.2%) exact matches, in which:
13266 unique CDR3
13 unique J



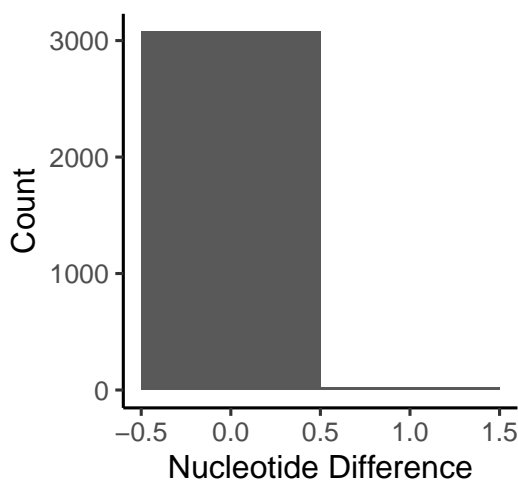
TRBV7-6*ap01

3408 sequences assigned
3384 (99.3%) exact matches, in which:
3324 unique CDR3
13 unique J



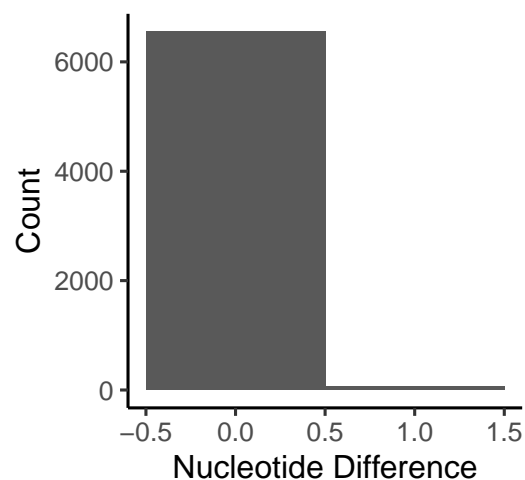
TRBV7-8*ap01

3101 sequences assigned
3076 (99.2%) exact matches, in which:
3013 unique CDR3
13 unique J



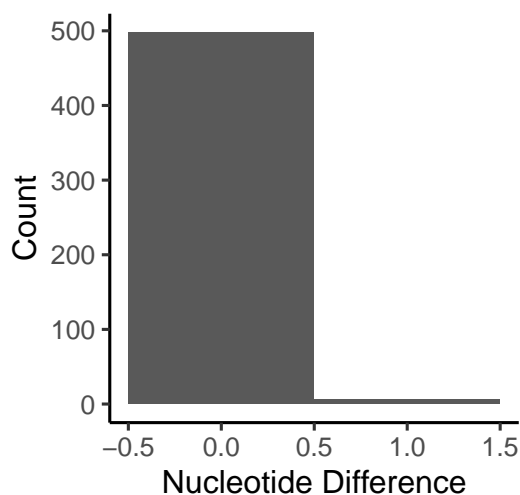
TRBV29-1*ap01

6617 sequences assigned
6551 (99%) exact matches, in which:
6448 unique CDR3
13 unique J



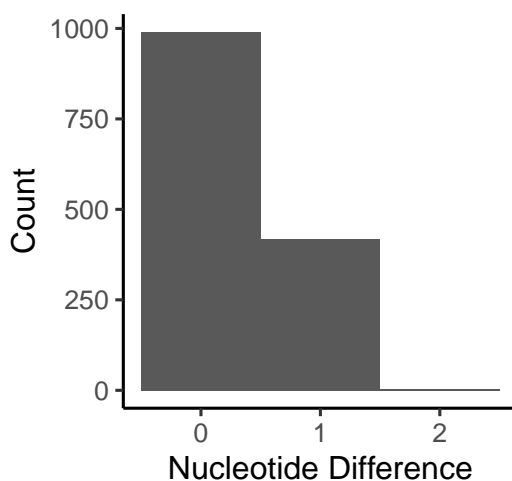
TRBV7-7*ap01

504 sequences assigned
498 (98.8%) exact matches, in which:
490 unique CDR3
13 unique J



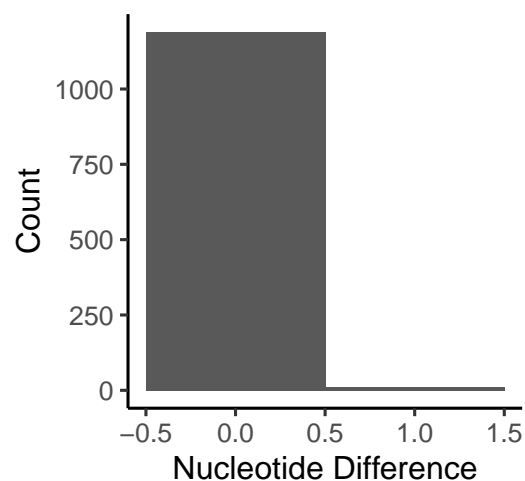
TRBV7-8*ap03

1411 sequences assigned
990 (70.2%) exact matches, in which:
976 unique CDR3
13 unique J

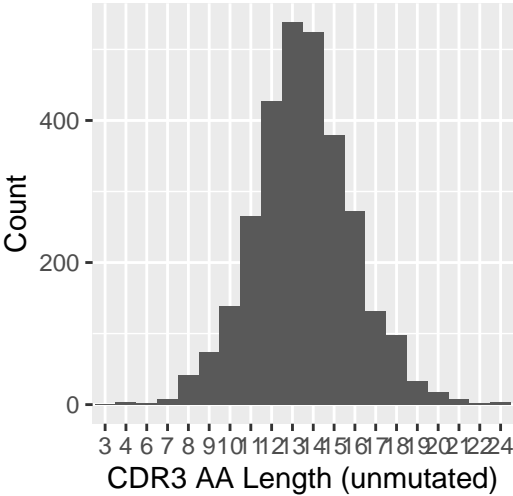


TRBV29-1*ap02

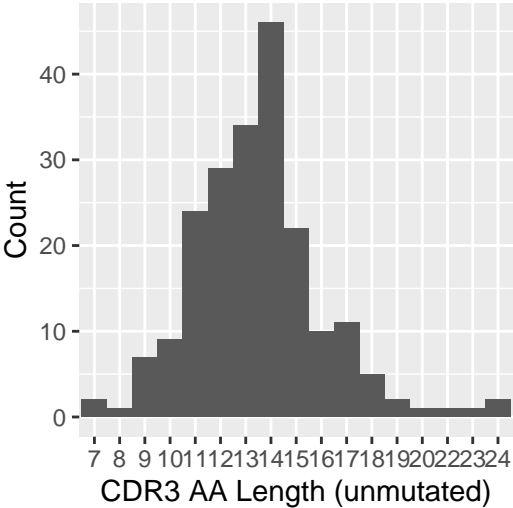
1201 sequences assigned
1189 (99%) exact matches, in which:
1172 unique CDR3
13 unique J



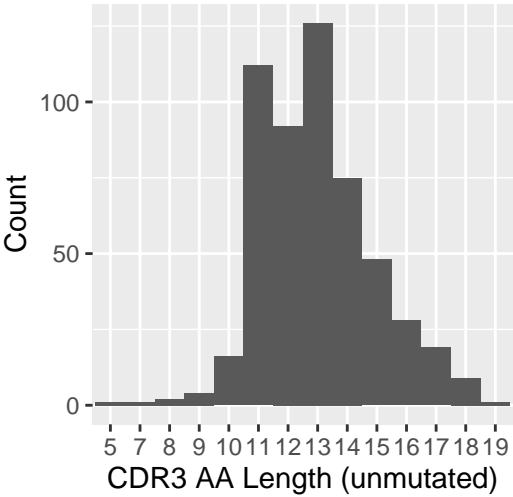
TRBV21-1*ap01_T307C



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.