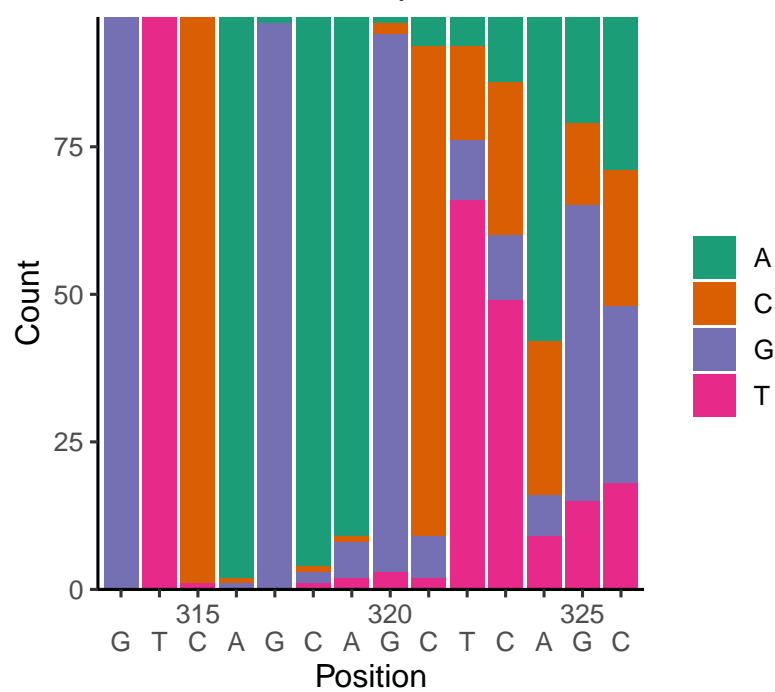
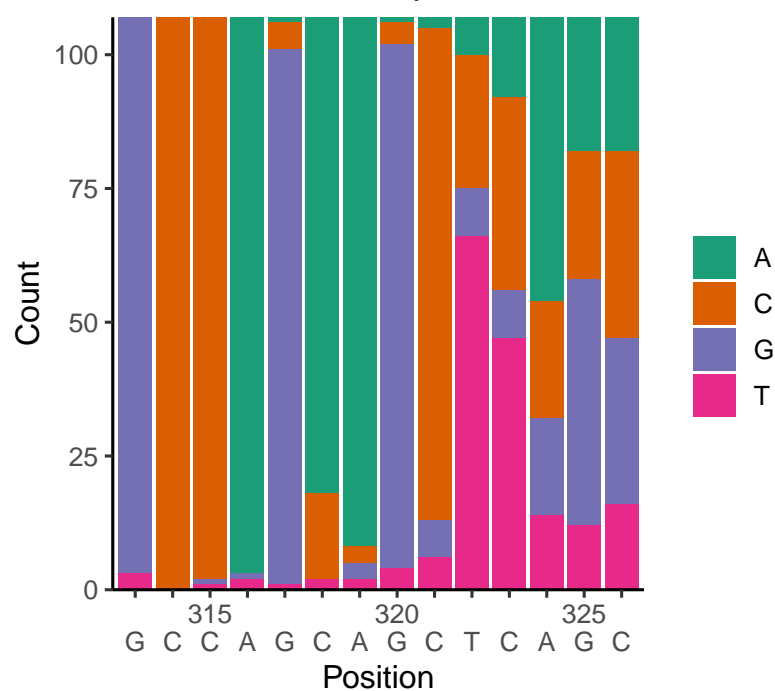


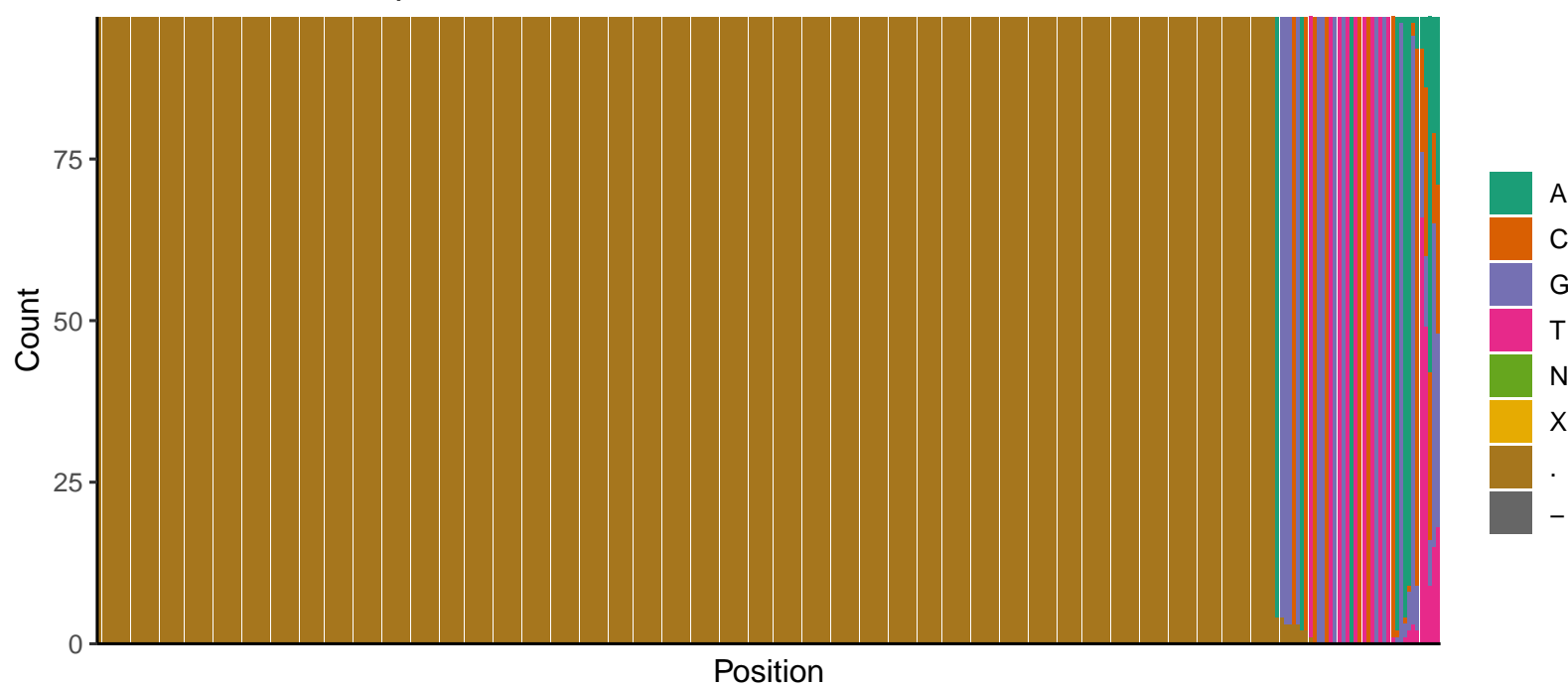
Gene TRBV7-1*ap01_G291C_T296C_C314T



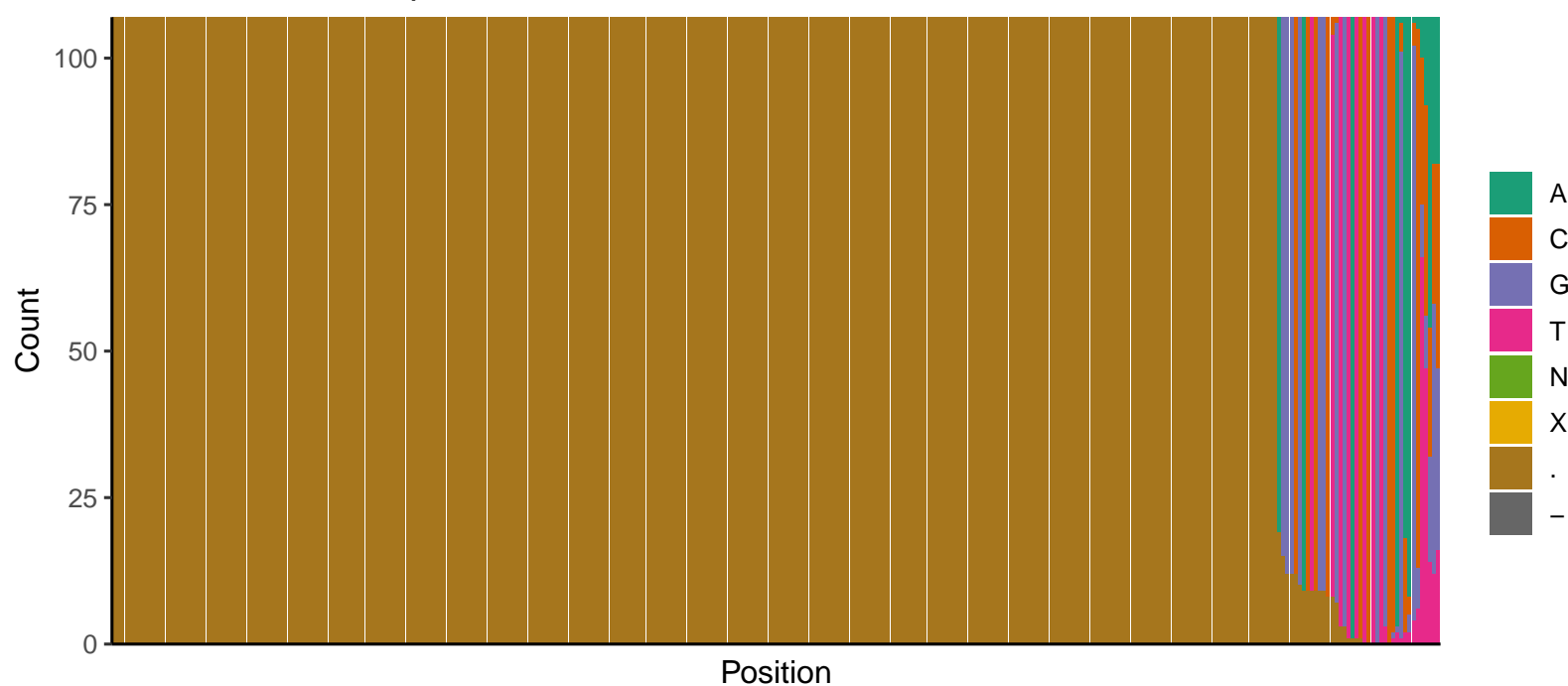
Gene TRBV7-1*ap01_G291C_T296C



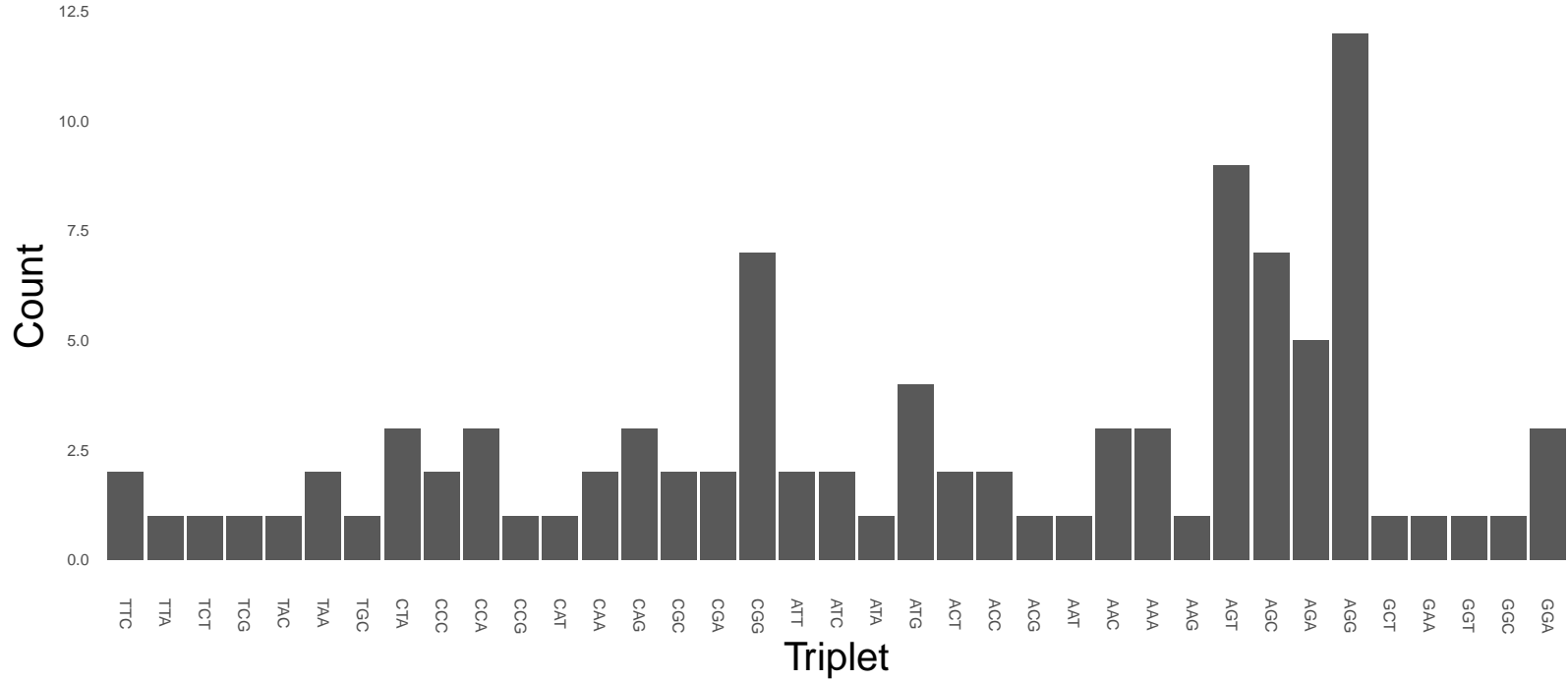
Gene TRBV7-1*ap01_G291C_T296C_C314T



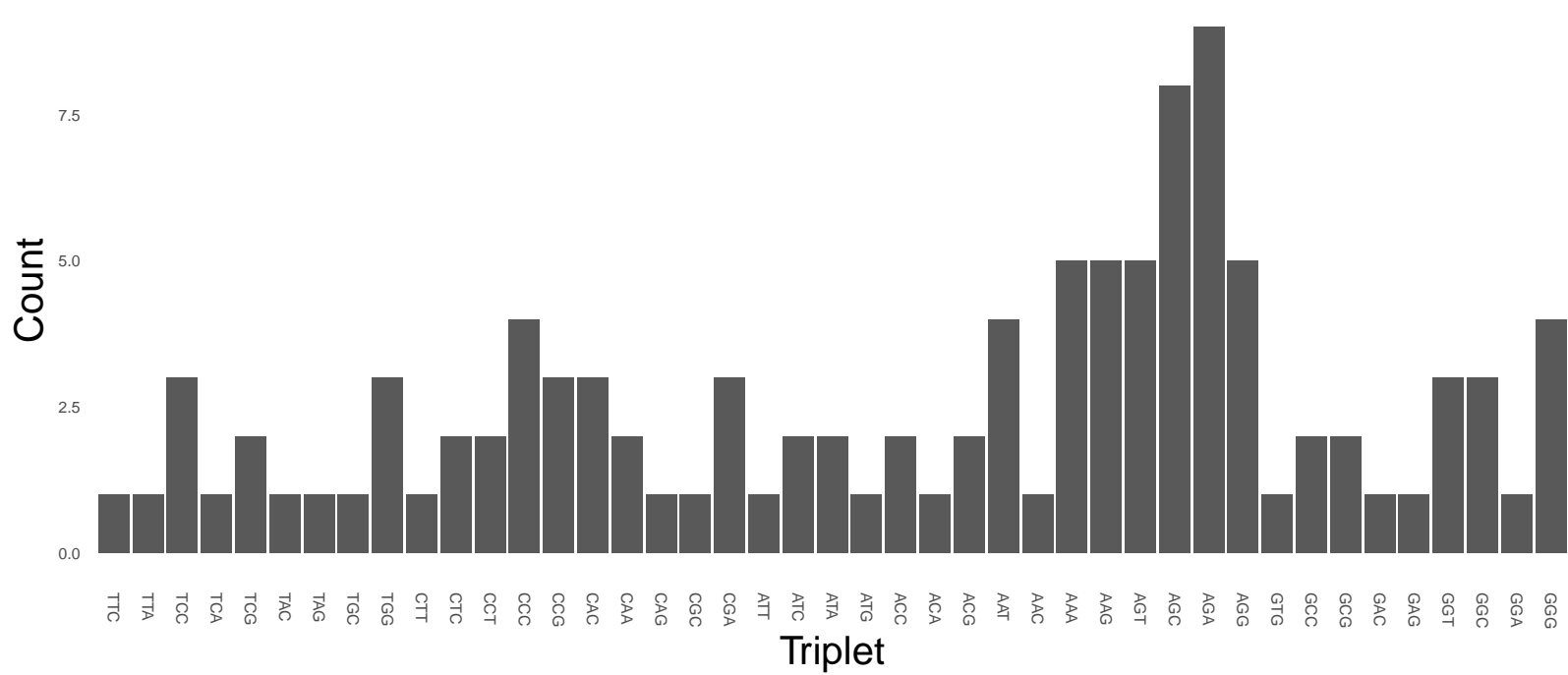
Gene TRBV7-1*ap01_G291C_T296C



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

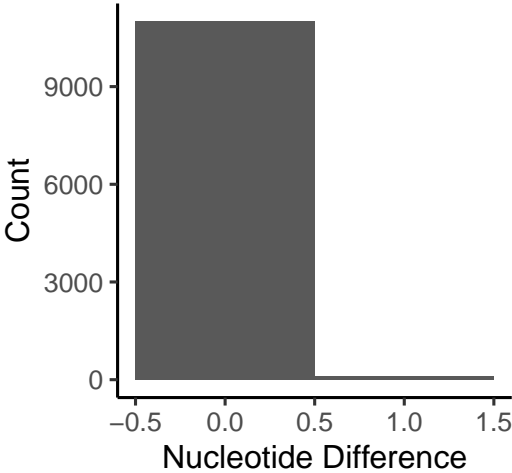


TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet



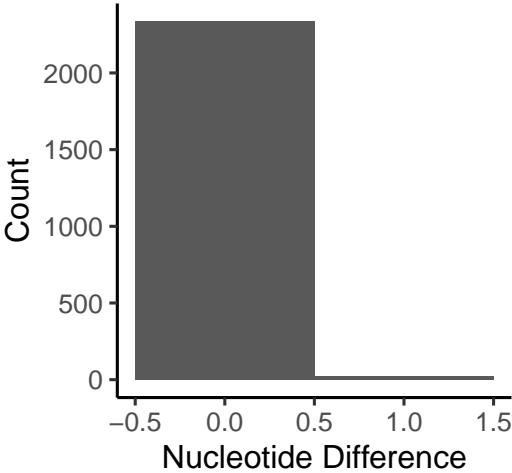
TRBV20-1*ap01

11115 sequences assigned
11002 (99%) exact matches, in which:
10833 unique CDR3
13 unique J



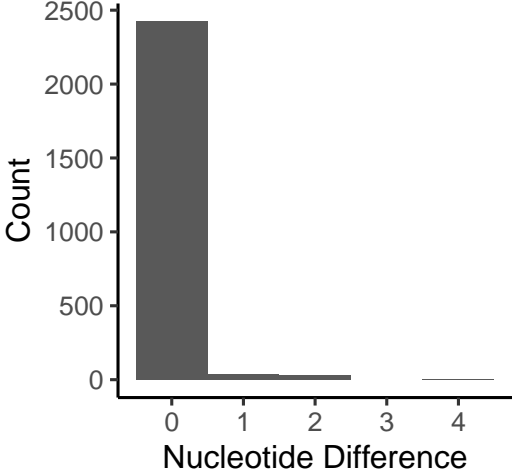
TRBV10-2*ap01

2358 sequences assigned
2336 (99.1%) exact matches, in which:
2293 unique CDR3
13 unique J



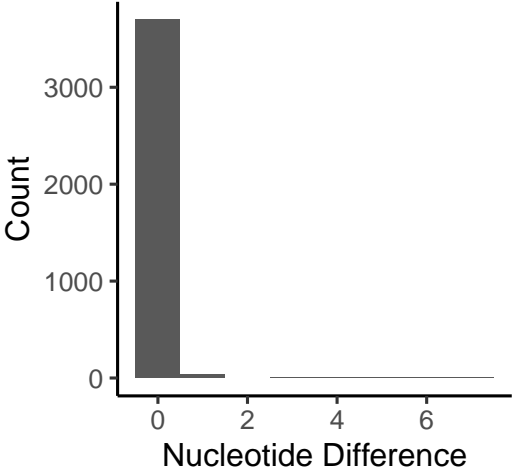
TRBV13*ap01

2488 sequences assigned
2424 (97.4%) exact matches, in which:
2358 unique CDR3
13 unique J



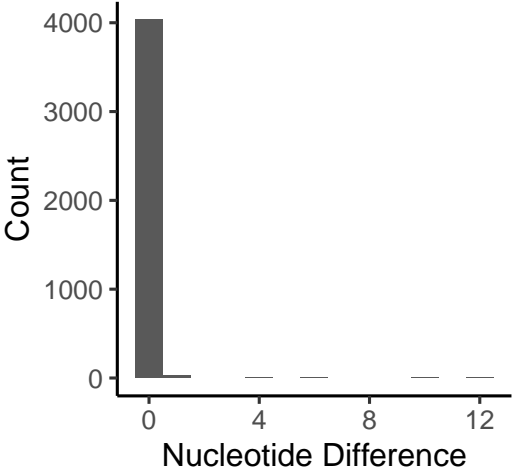
TRBV10-1*ap01

3742 sequences assigned
3697 (98.8%) exact matches, in which:
3619 unique CDR3
13 unique J



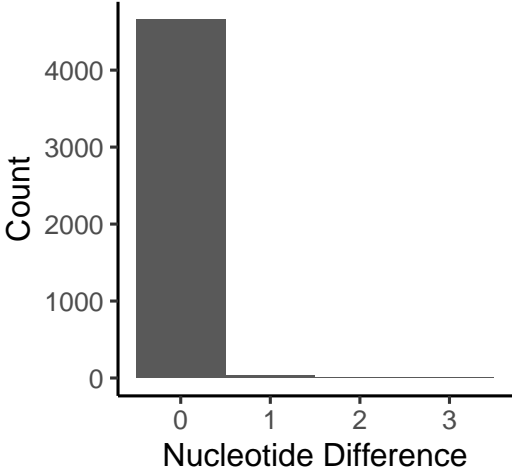
TRBV10-3*ap01

4072 sequences assigned
4034 (99.1%) exact matches, in which:
3957 unique CDR3
13 unique J



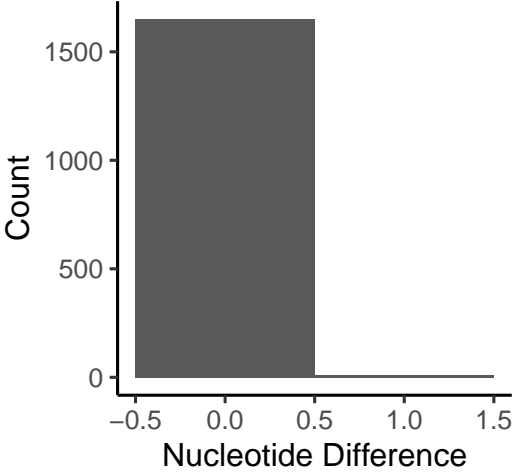
TRBV14*ap01

4689 sequences assigned
4655 (99.3%) exact matches, in which:
4583 unique CDR3
13 unique J



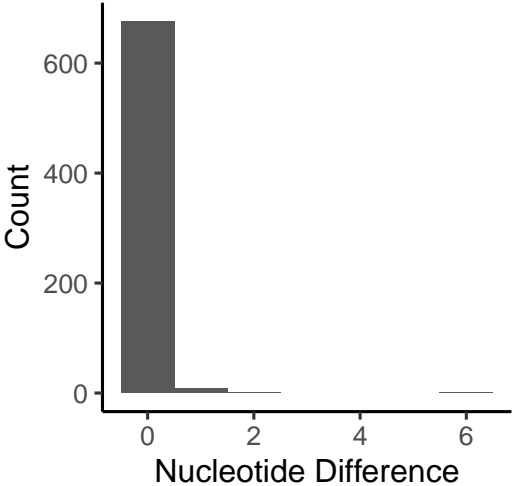
TRBV20-1*ap02

1663 sequences assigned
1651 (99.3%) exact matches, in which:
1632 unique CDR3
13 unique J



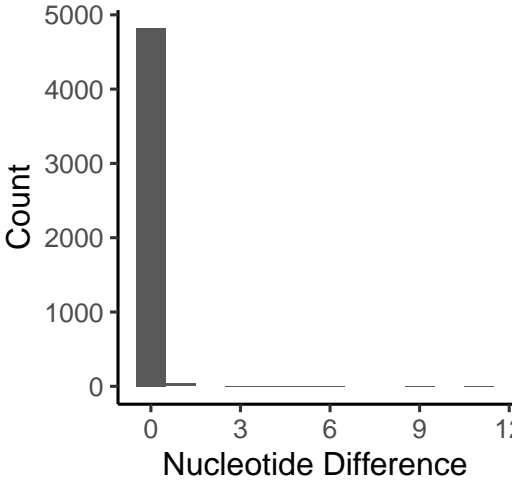
TRBV1*ap01

687 sequences assigned
676 (98.4%) exact matches, in which:
660 unique CDR3
13 unique J



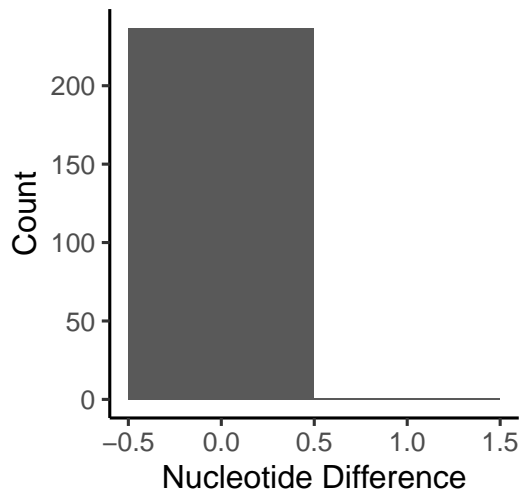
TRBV15*ap02

4868 sequences assigned
4822 (99.1%) exact matches, in which:
4717 unique CDR3
13 unique J



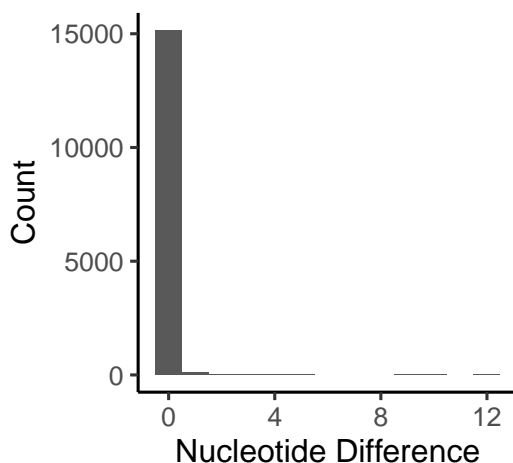
TRBV16*ap01

238 sequences assigned
237 (99.6%) exact matches, in which:
234 unique CDR3
13 unique J



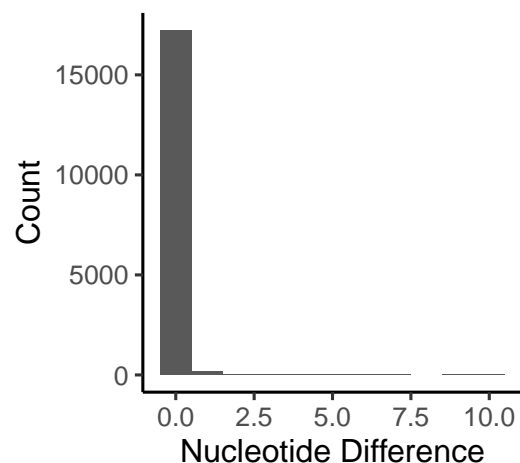
TRBV19*ap01

15305 sequences assigned
15159 (99%) exact matches, in which:
14993 unique CDR3
13 unique J



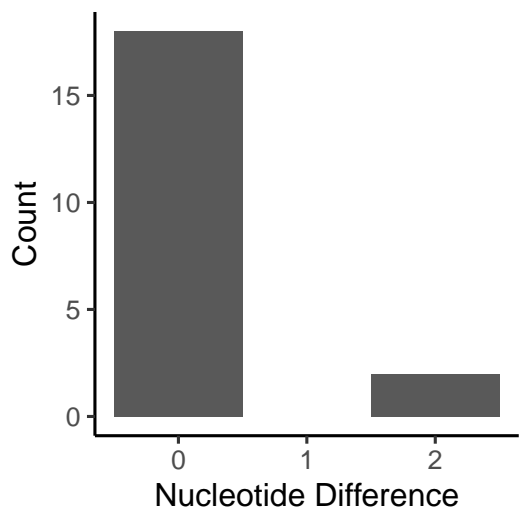
TRBV27*ap01

17444 sequences assigned
17234 (98.8%) exact matches, in which:
16879 unique CDR3
13 unique J



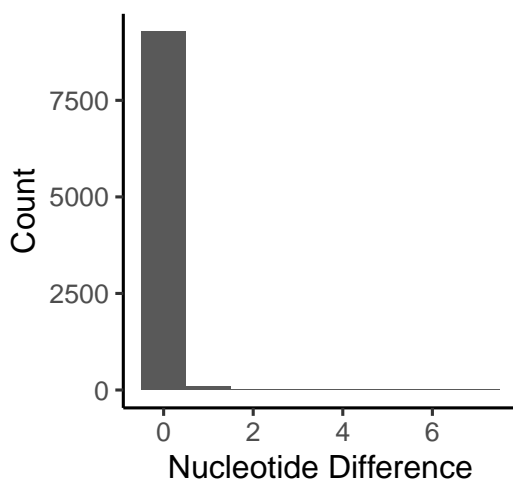
TRBV17*ap01

20 sequences assigned
18 (90%) exact matches, in which:
18 unique CDR3
8 unique J



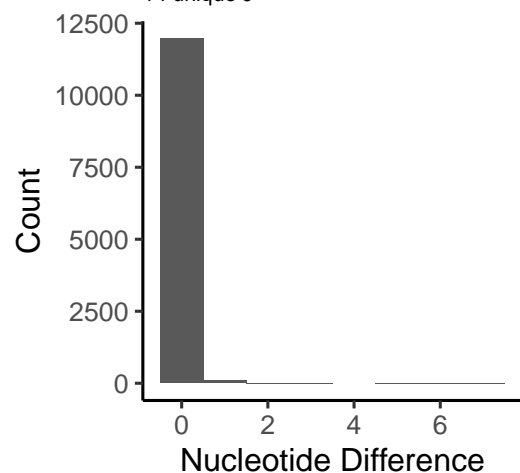
TRBV2*ap01

9376 sequences assigned
9277 (98.9%) exact matches, in which:
9112 unique CDR3
13 unique J



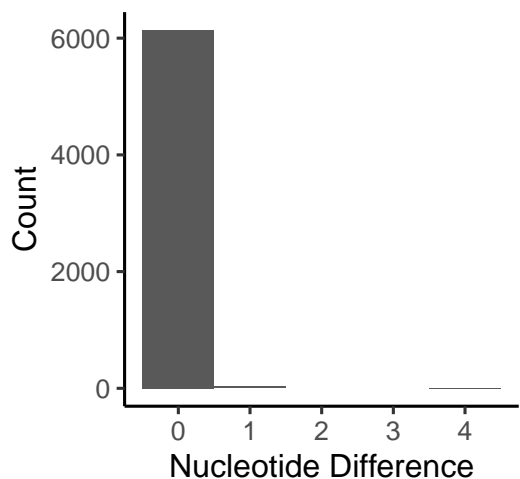
TRBV28*ap01

12082 sequences assigned
11971 (99.1%) exact matches, in which:
11773 unique CDR3
14 unique J



TRBV18*ap01

6172 sequences assigned
6139 (99.5%) exact matches, in which:
6065 unique CDR3
13 unique J



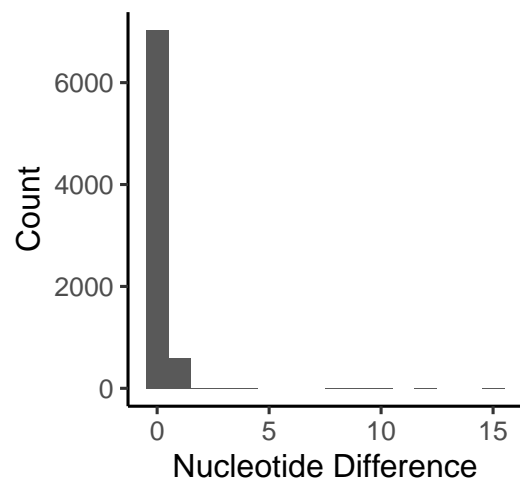
TRBV26*ap01

1 sequences assigned
No exact matches.



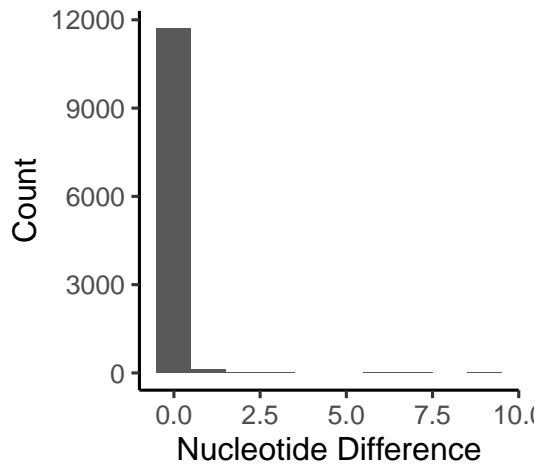
TRBV30*ap01

7643 sequences assigned
7032 (92%) exact matches, in which:
6883 unique CDR3
13 unique J



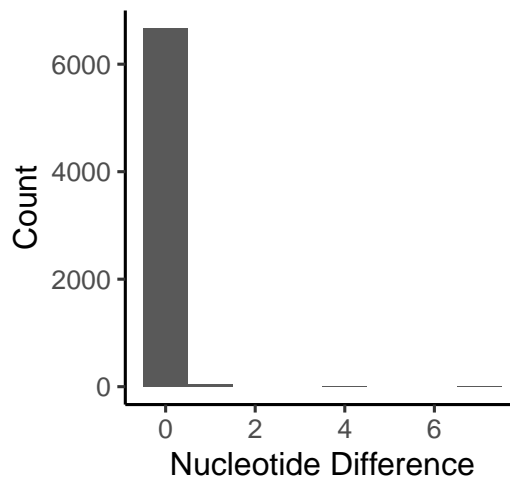
TRBV9*ap01

11832 sequences assigned
11717 (99%) exact matches, in which:
11568 unique CDR3
13 unique J



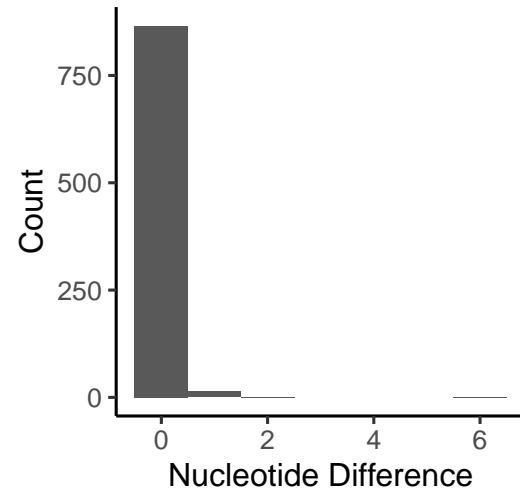
TRBV11-2*ap01

6718 sequences assigned
6666 (99.2%) exact matches, in which:
6620 unique CDR3
13 unique J



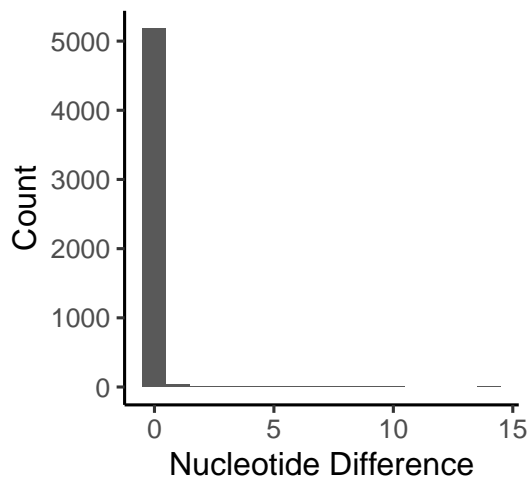
TRBV12-2*ap01

882 sequences assigned
866 (98.2%) exact matches, in which:
851 unique CDR3
13 unique J



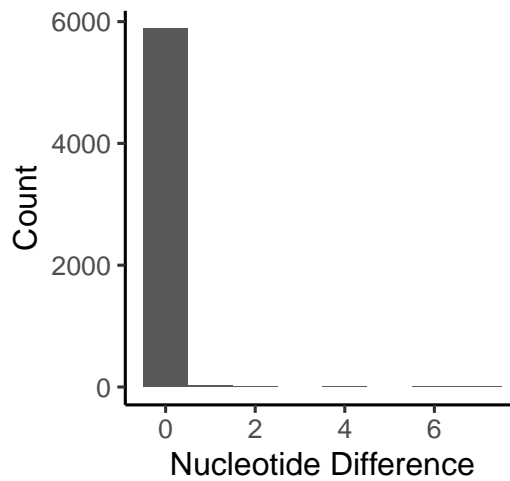
TRBV21-1*ap01

5253 sequences assigned
5179 (98.6%) exact matches, in which:
5127 unique CDR3
13 unique J



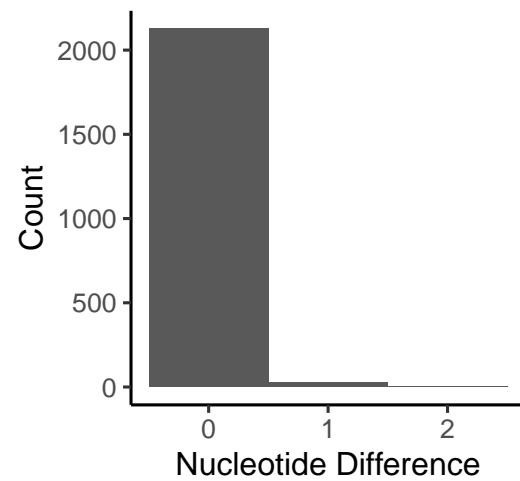
TRBV11-3*ap01

5910 sequences assigned
5883 (99.5%) exact matches, in which:
5833 unique CDR3
13 unique J



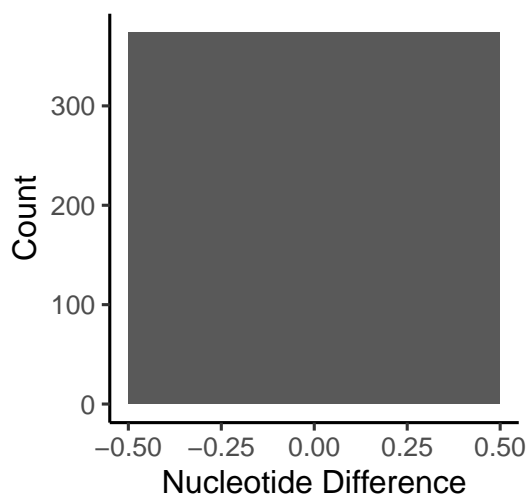
TRBV12-5*ap01

2156 sequences assigned
2127 (98.7%) exact matches, in which:
2097 unique CDR3
13 unique J



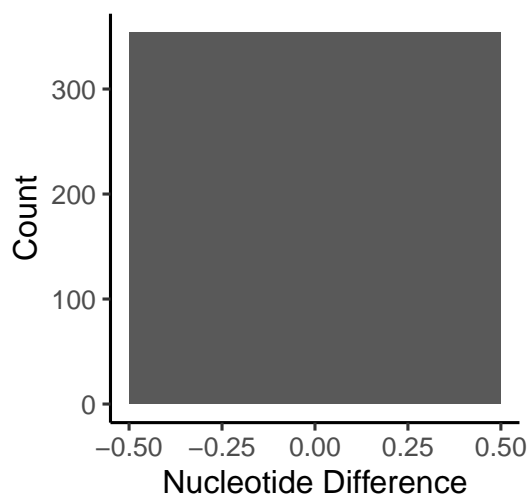
TRBV11-1*ap01

374 sequences assigned
374 (100%) exact matches, in which:
372 unique CDR3
13 unique J



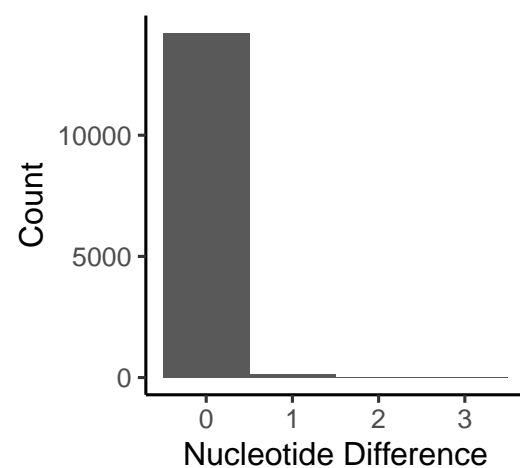
TRBV12-1*ap01

354 sequences assigned
354 (100%) exact matches, in which:
348 unique CDR3
13 unique J



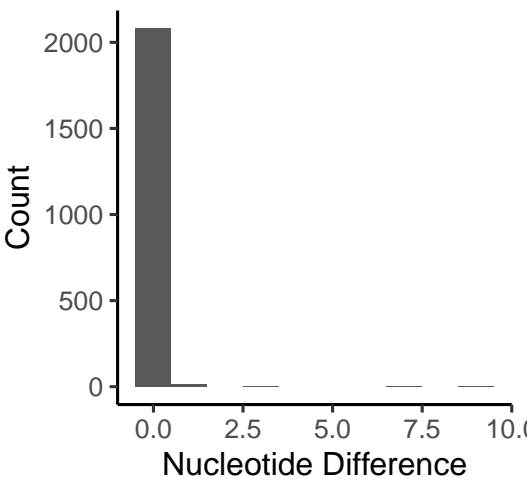
TRBV12-34*ap01

14366 sequences assigned
14227 (99%) exact matches, in which:
14003 unique CDR3
13 unique J



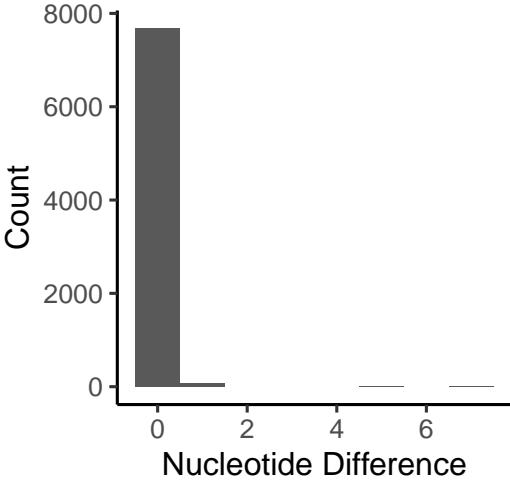
TRBV23-1*ap01

2100 sequences assigned
2081 (99.1%) exact matches, in which:
2053 unique CDR3
13 unique J



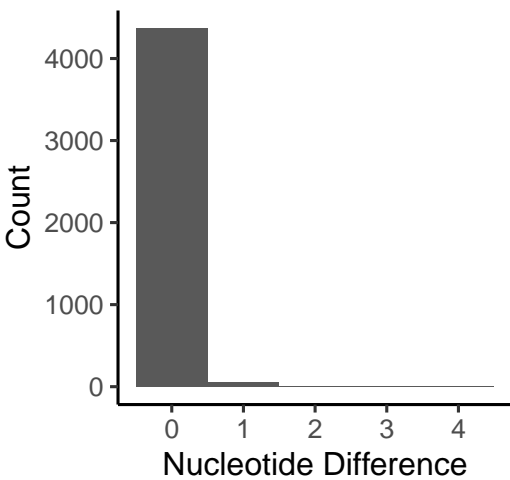
TRBV4-1*ap01

7755 sequences assigned
7678 (99%) exact matches, in which:
7498 unique CDR3
13 unique J



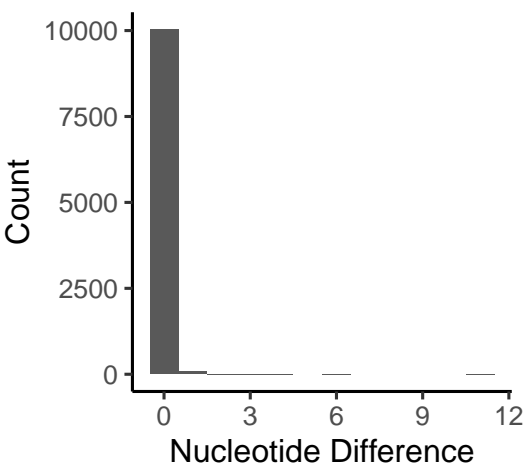
TRBV25-1*ap01

4426 sequences assigned
4367 (98.7%) exact matches, in which:
4246 unique CDR3
13 unique J



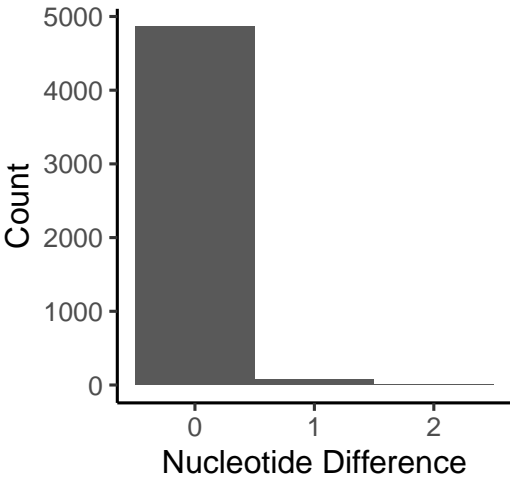
TRBV3-12*ap01

10126 sequences assigned
10032 (99.1%) exact matches, in which:
9936 unique CDR3
13 unique J



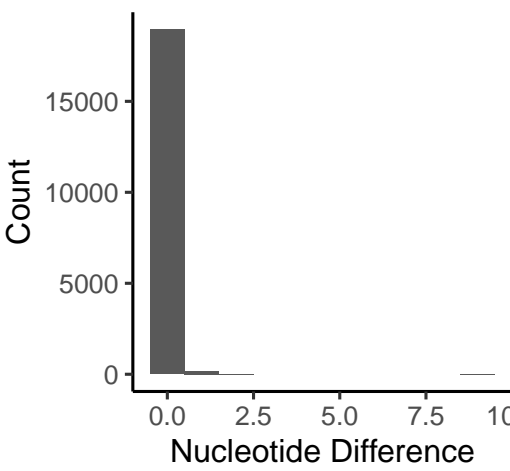
TRBV4-2*ap01

4940 sequences assigned
4861 (98.4%) exact matches, in which:
4777 unique CDR3
13 unique J



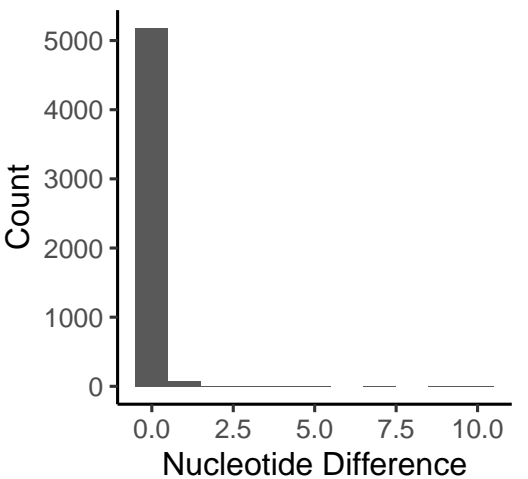
TRBV5-1*ap01

19123 sequences assigned
18951 (99.1%) exact matches, in which:
18494 unique CDR3
14 unique J



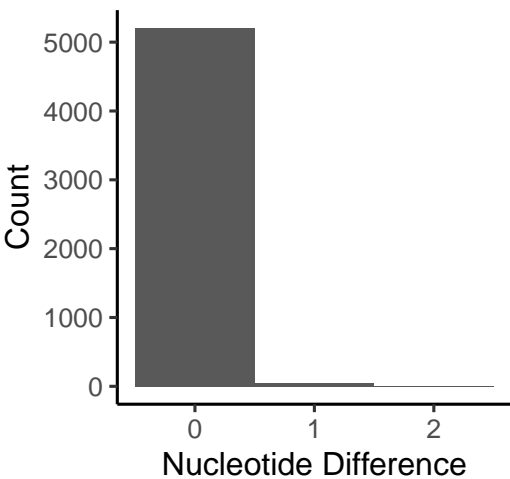
TRBV24-1*ap01

5270 sequences assigned
5181 (98.3%) exact matches, in which:
5092 unique CDR3
13 unique J



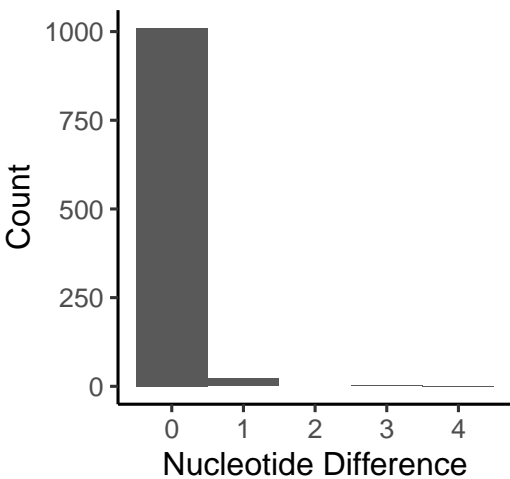
TRBV4-3*ap01

5256 sequences assigned
5205 (99%) exact matches, in which:
5103 unique CDR3
13 unique J



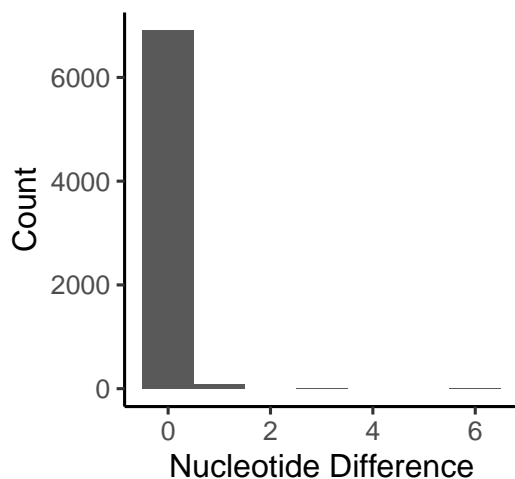
TRBV5-3*ap01

1035 sequences assigned
1010 (97.6%) exact matches, in which:
997 unique CDR3
13 unique J



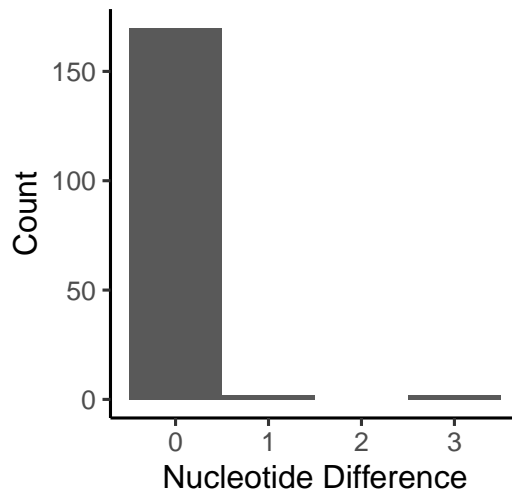
TRBV5-4*ap01

6996 sequences assigned
6906 (98.7%) exact matches, in which:
6739 unique CDR3
13 unique J



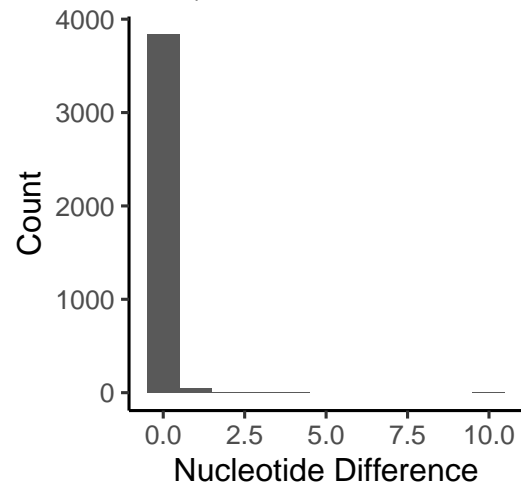
TRBV5-7*ap01

174 sequences assigned
170 (97.7%) exact matches, in which:
167 unique CDR3
13 unique J



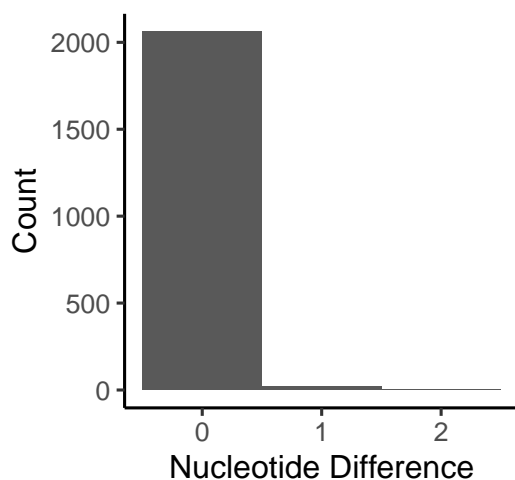
TRBV6-4*ap01

3889 sequences assigned
3837 (98.7%) exact matches, in which:
3784 unique CDR3
13 unique J



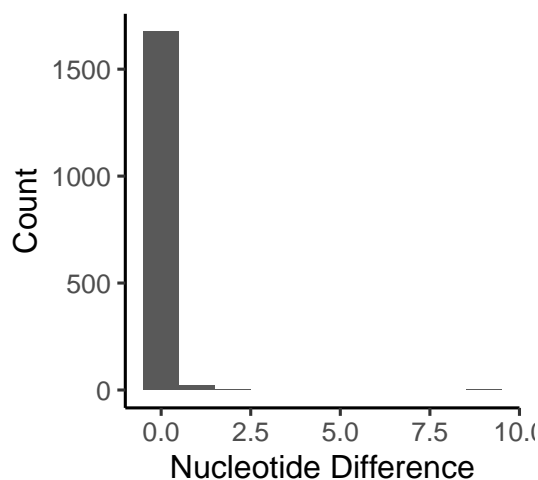
TRBV5-5*ap01

2083 sequences assigned
2061 (98.9%) exact matches, in which:
2039 unique CDR3
13 unique J



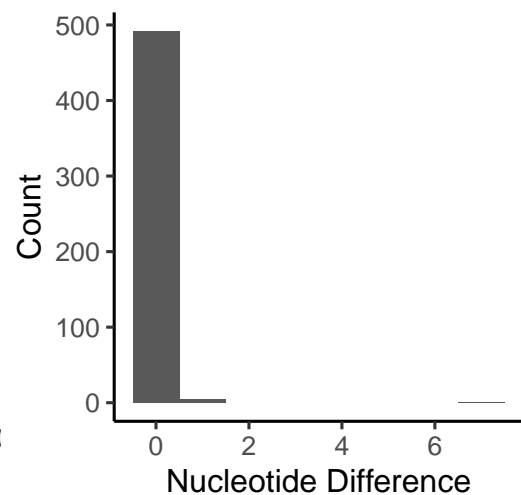
TRBV5-8*ap01

1701 sequences assigned
1675 (98.5%) exact matches, in which:
1642 unique CDR3
13 unique J



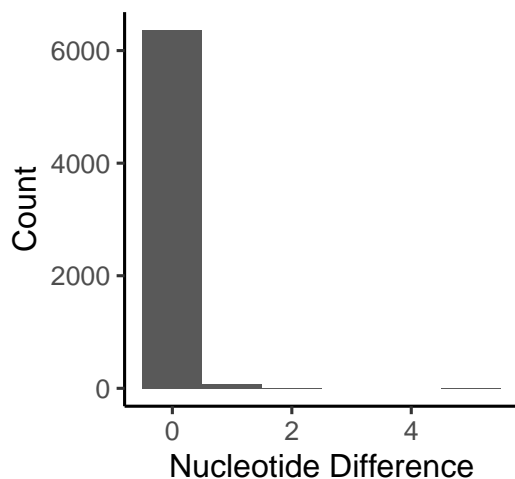
TRBV6-7*ap01

498 sequences assigned
492 (98.8%) exact matches, in which:
485 unique CDR3
13 unique J



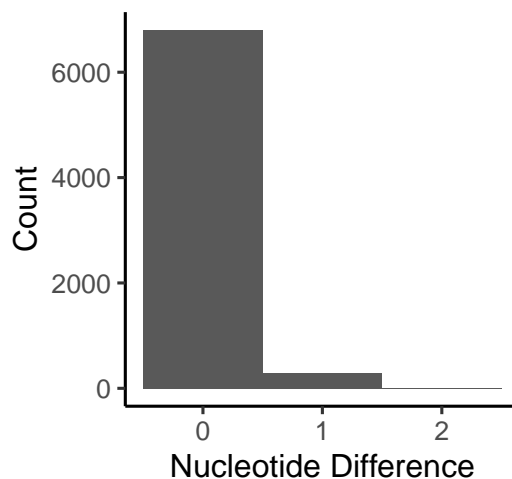
TRBV5-6*ap01

6442 sequences assigned
6365 (98.8%) exact matches, in which:
6197 unique CDR3
13 unique J



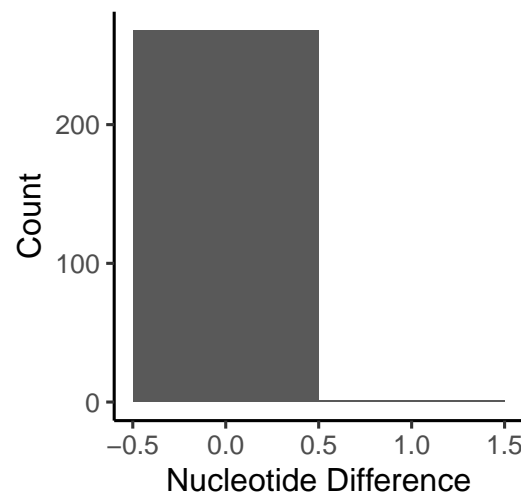
TRBV6-1*ap01

7089 sequences assigned
6801 (95.9%) exact matches, in which:
6634 unique CDR3
13 unique J



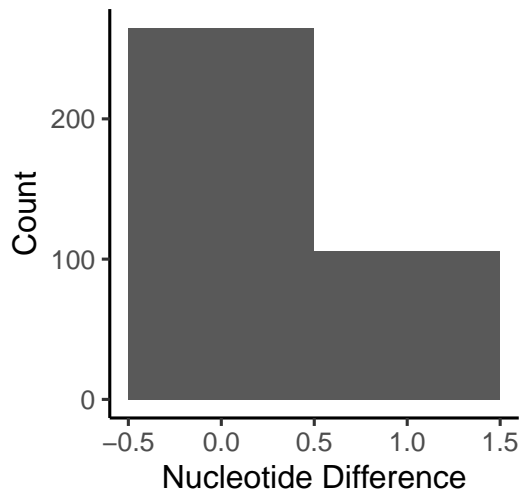
TRBV6-8*ap01

269 sequences assigned
268 (99.6%) exact matches, in which:
258 unique CDR3
13 unique J



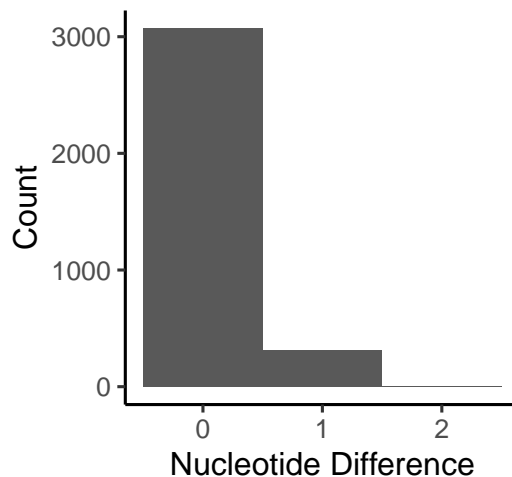
TRBV6-9*ap01

371 sequences assigned
265 (71.4%) exact matches, in which:
261 unique CDR3
13 unique J



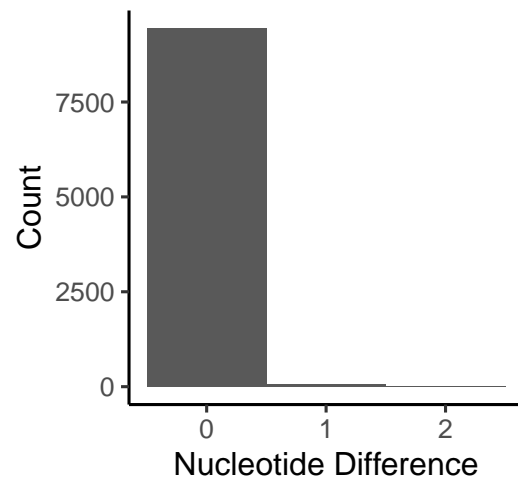
TRBV6-56*ap02

3386 sequences assigned
3071 (90.7%) exact matches, in which:
2990 unique CDR3
14 unique J



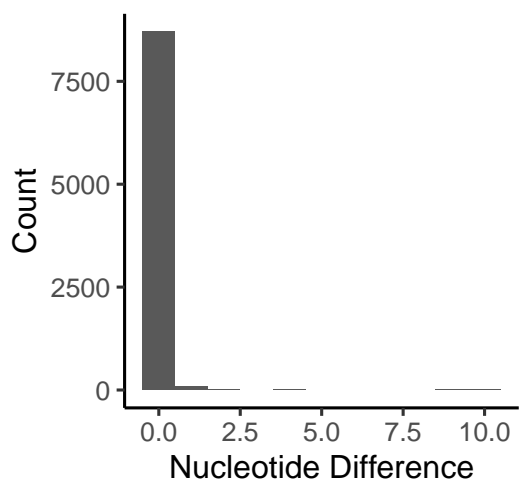
TRBV7-2*ap01

9515 sequences assigned
9439 (99.2%) exact matches, in which:
9308 unique CDR3
13 unique J



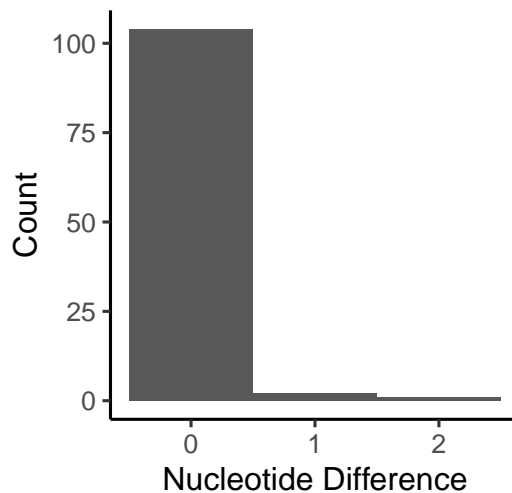
TRBV6-23*ap01

8806 sequences assigned
8705 (98.9%) exact matches, in which:
8485 unique CDR3
13 unique J



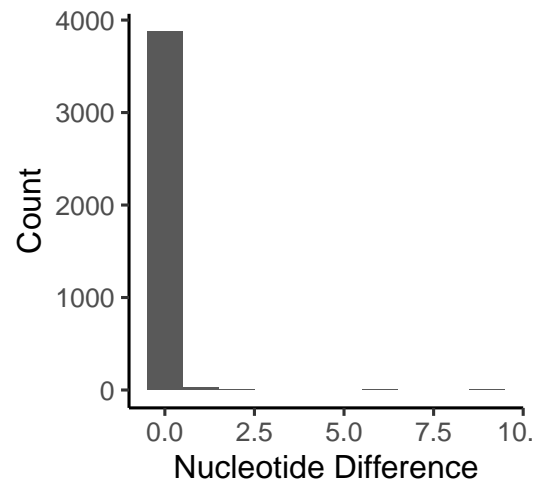
TRBV7-1*ap01_G291C_

107 sequences assigned
104 (97.2%) exact matches, in which:
104 unique CDR3
13 unique J



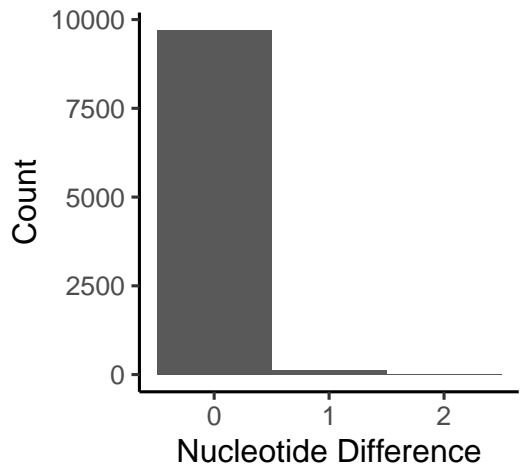
TRBV7-3*ap01

3906 sequences assigned
3874 (99.2%) exact matches, in which:
3834 unique CDR3
13 unique J



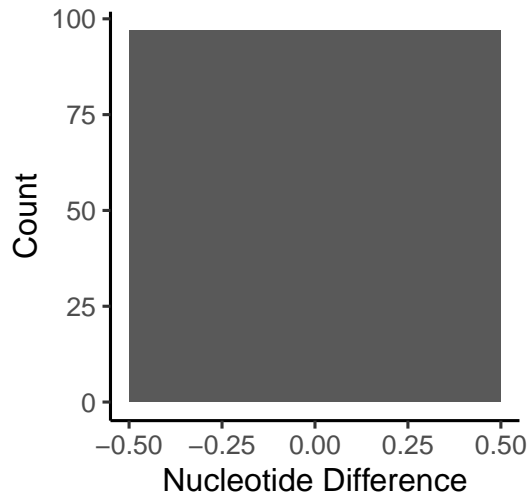
TRBV6-56*ap01

9839 sequences assigned
9712 (98.7%) exact matches, in which:
9481 unique CDR3
13 unique J



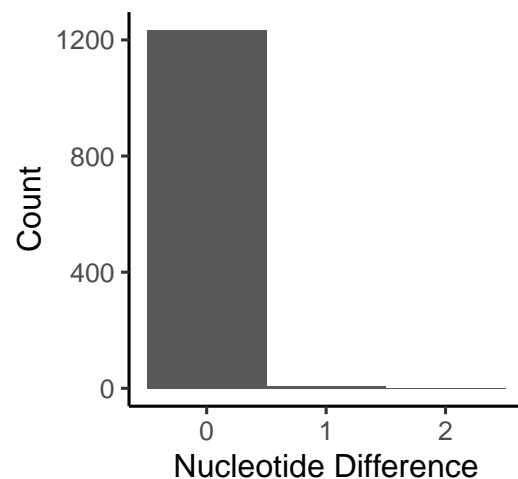
TRBV7-1*ap01_G291C_

97 sequences assigned
97 (100%) exact matches, in which:
96 unique CDR3
12 unique J



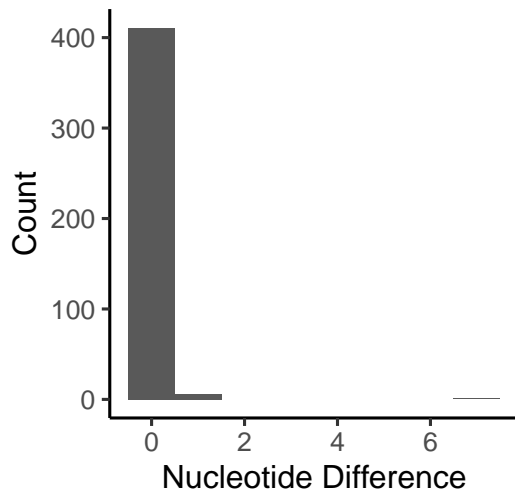
TRBV7-3*ap02

1244 sequences assigned
1234 (99.2%) exact matches, in which:
1211 unique CDR3
13 unique J



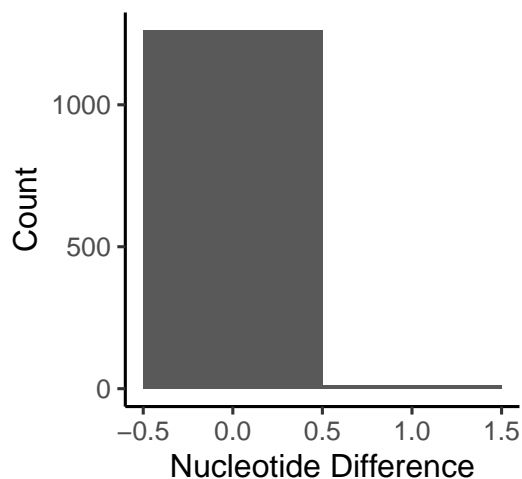
TRBV7-4*ap01

418 sequences assigned
411 (98.3%) exact matches, in which:
402 unique CDR3
13 unique J



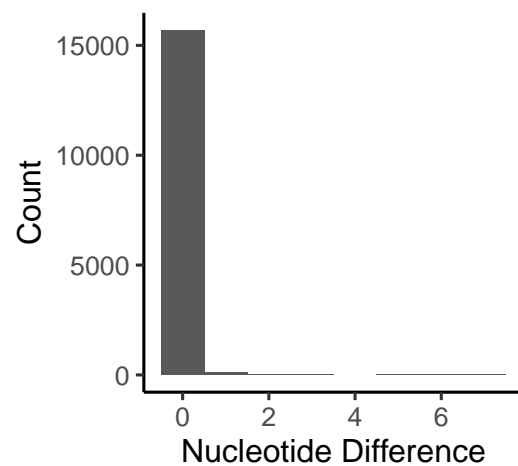
TRBV7-8*ap01

1275 sequences assigned
1262 (99%) exact matches, in which:
1247 unique CDR3
13 unique J



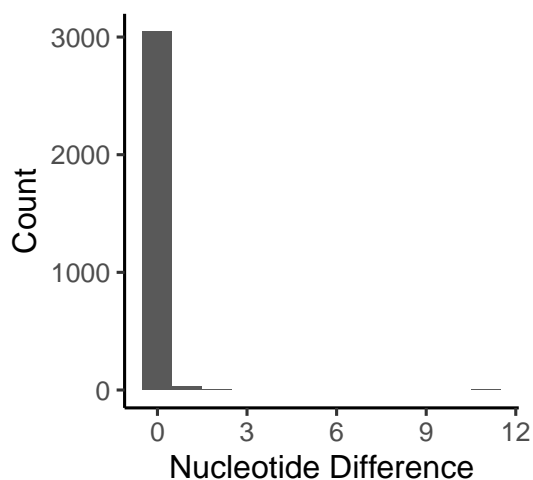
TRBV7-9*ap01

15819 sequences assigned
15692 (99.2%) exact matches, in which:
15470 unique CDR3
13 unique J



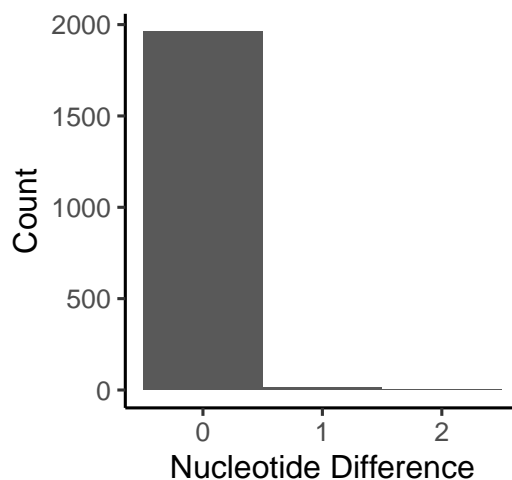
TRBV7-6*ap01

3079 sequences assigned
3045 (98.9%) exact matches, in which:
2982 unique CDR3
13 unique J



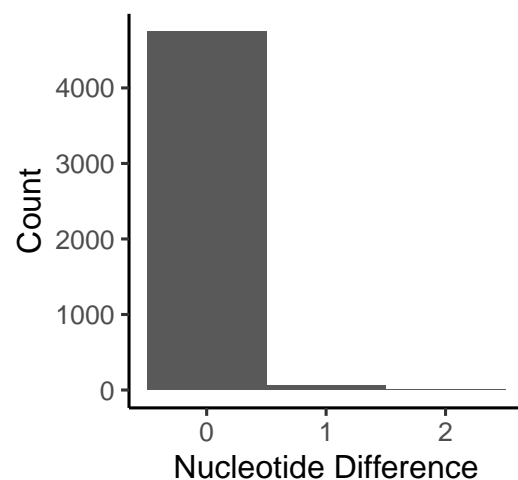
TRBV7-8*ap02

1976 sequences assigned
1961 (99.2%) exact matches, in which:
1924 unique CDR3
13 unique J



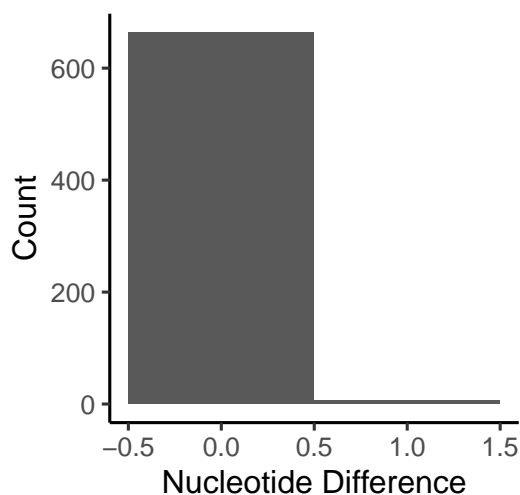
TRBV29-1*ap01

4811 sequences assigned
4744 (98.6%) exact matches, in which:
4620 unique CDR3
13 unique J



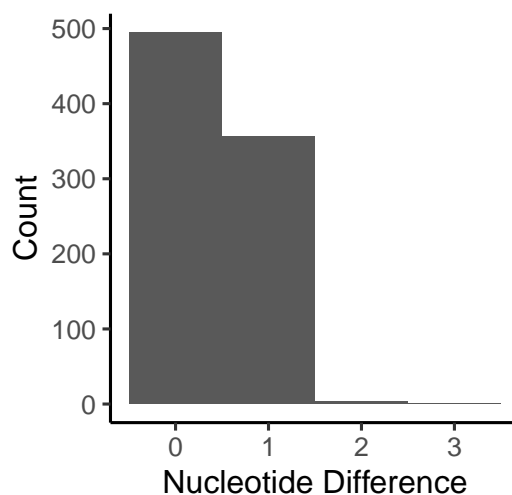
TRBV7-7*ap01

671 sequences assigned
664 (99%) exact matches, in which:
654 unique CDR3
13 unique J



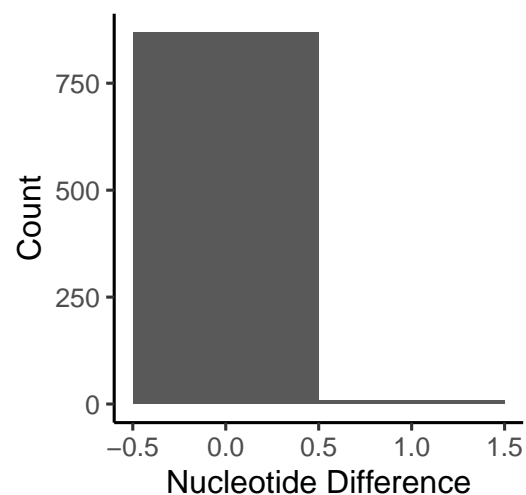
TRBV7-8*ap03

855 sequences assigned
495 (57.9%) exact matches, in which:
484 unique CDR3
13 unique J

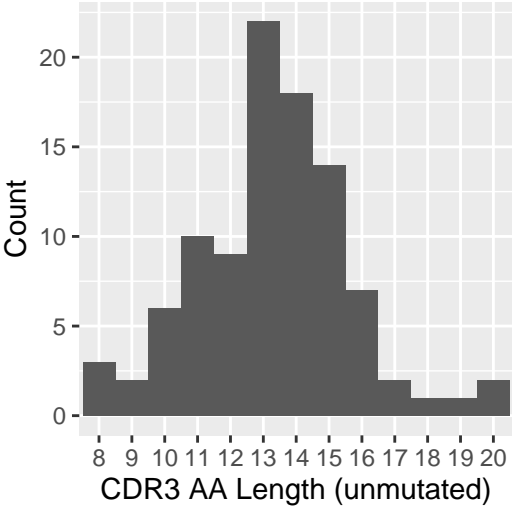


TRBV29-1*ap02

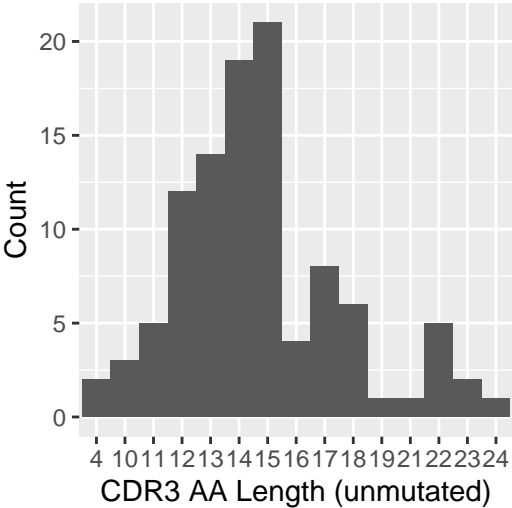
878 sequences assigned
869 (99%) exact matches, in which:
850 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C





[illegible]