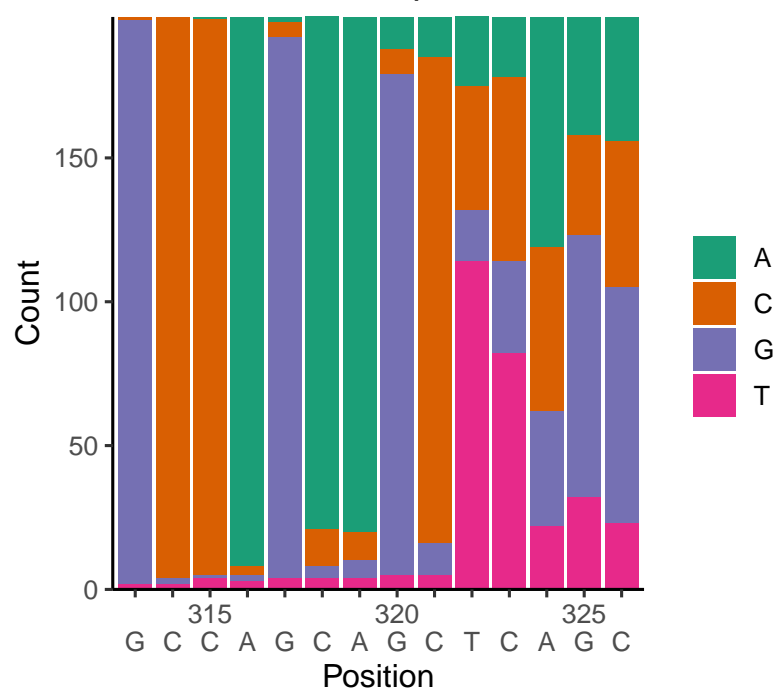
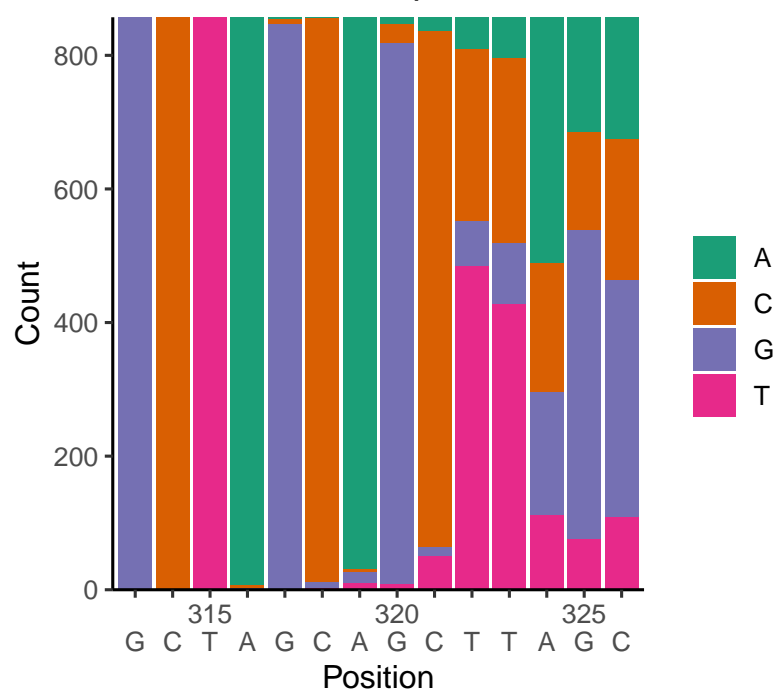


Gene TRBV7-1\*ap01\_G291C\_T296C



Gene TRBV7-7\*ap01\_C315T



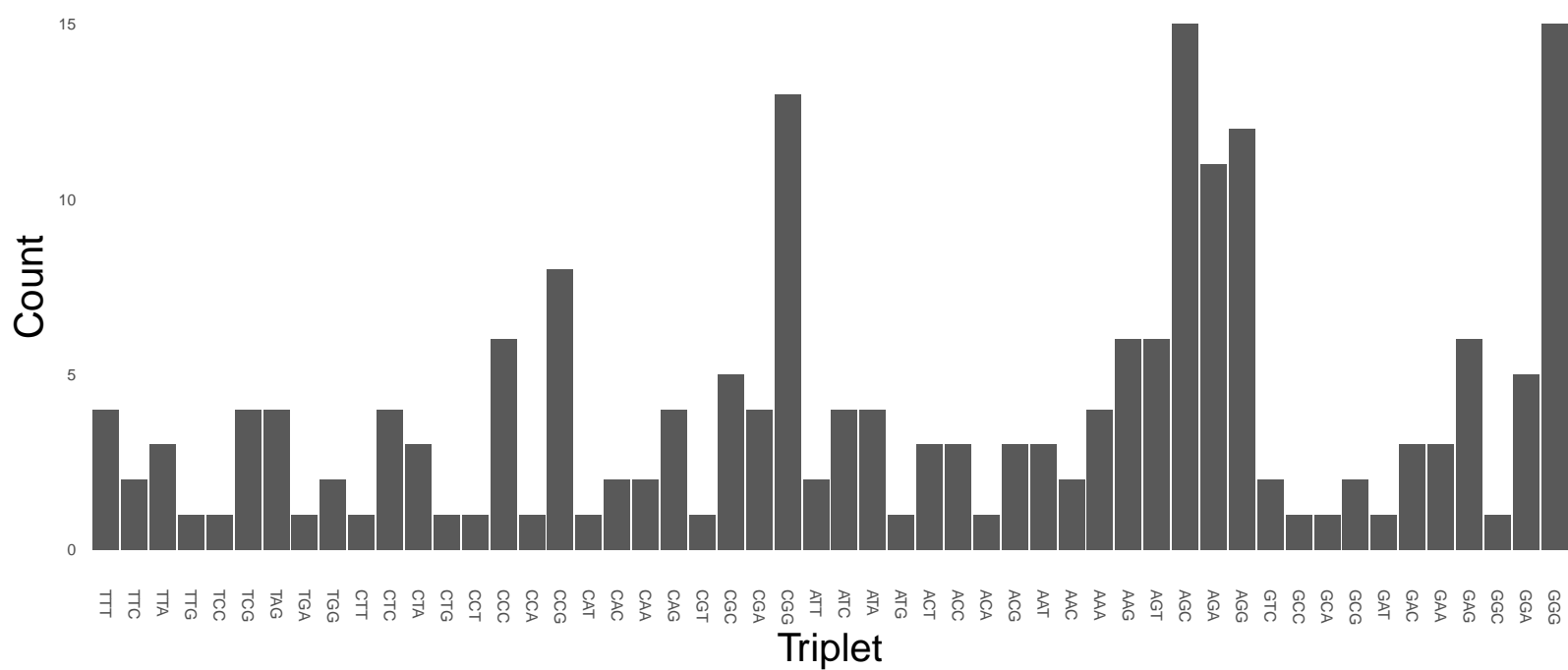
Gene TRBV7-1\*ap01\_G291C\_T296C



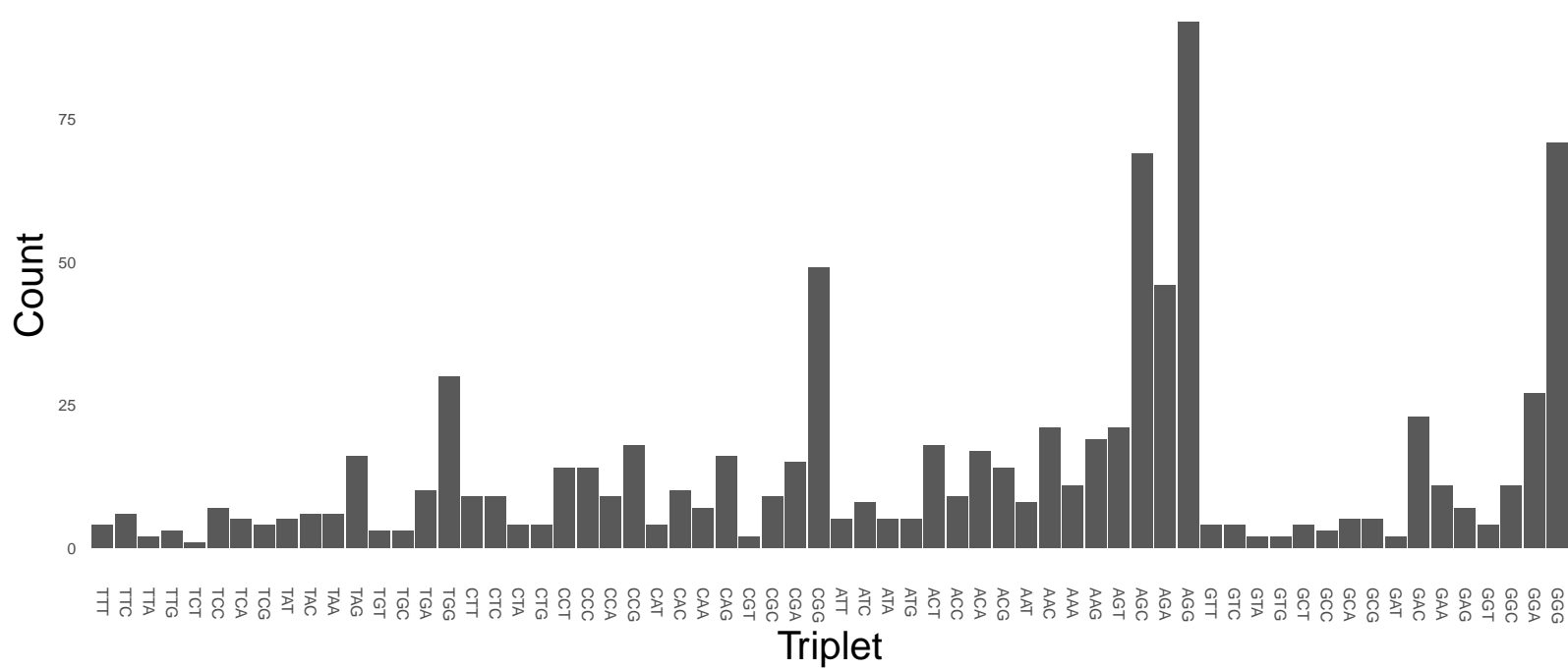
Gene TRBV7-7\*ap01\_C315T



TRBV7-1\*ap01\_G291C\_T296C- Final 3 nucleotides as a triplet

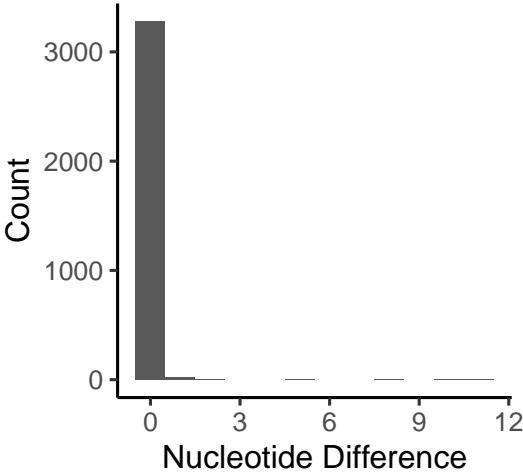


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



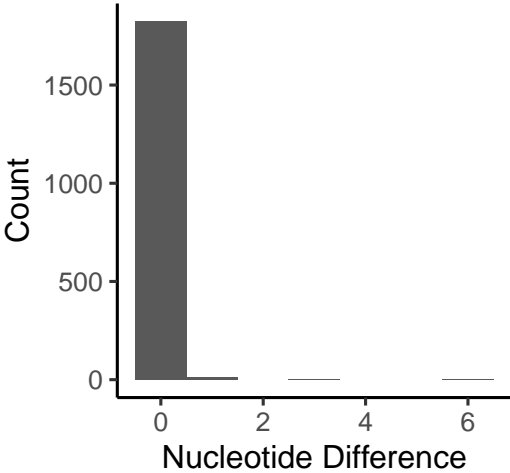
TRBV10-1\*ap01

3314 sequences assigned  
3279 (98.9%) exact matches, in which:  
3254 unique CDR3  
14 unique J



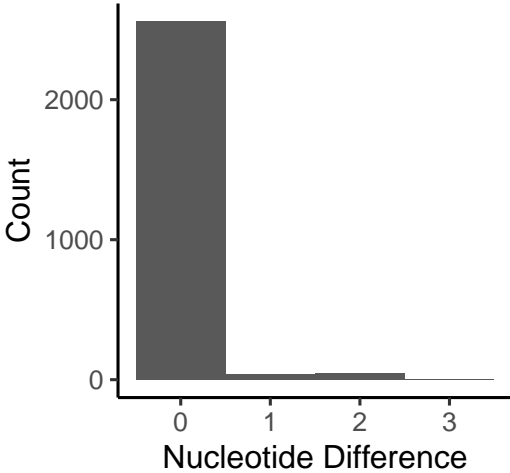
TRBV10-2\*ap01

1840 sequences assigned  
1824 (99.1%) exact matches, in which:  
1818 unique CDR3  
14 unique J



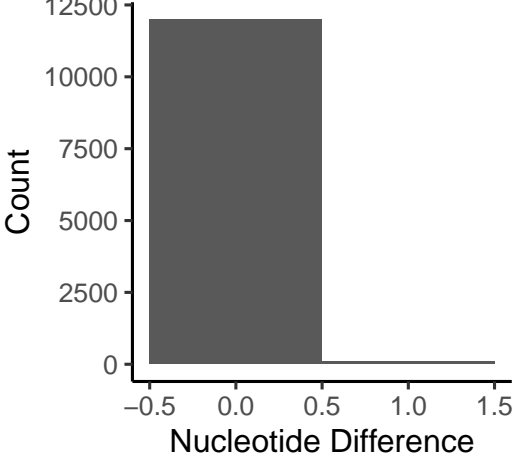
TRBV13\*ap01

2651 sequences assigned  
2559 (96.5%) exact matches, in which:  
2528 unique CDR3  
14 unique J



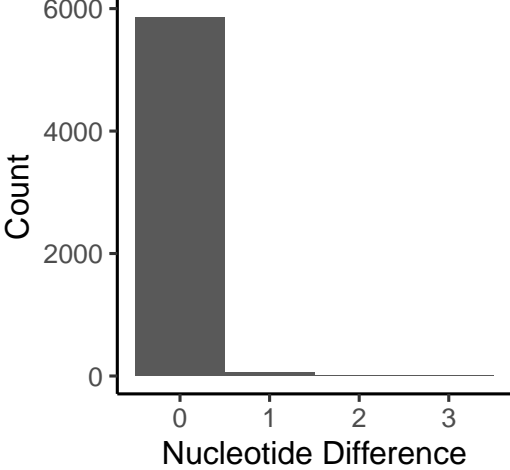
TRBV20-1\*ap01

12093 sequences assigned  
11995 (99.2%) exact matches, in which:  
11934 unique CDR3  
14 unique J



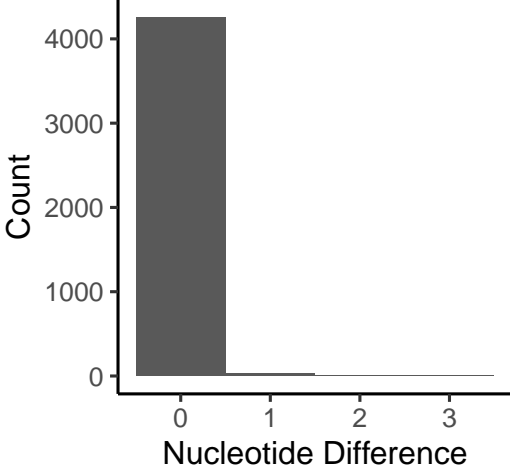
TRBV10-3\*ap01

5917 sequences assigned  
5851 (98.9%) exact matches, in which:  
5803 unique CDR3  
14 unique J



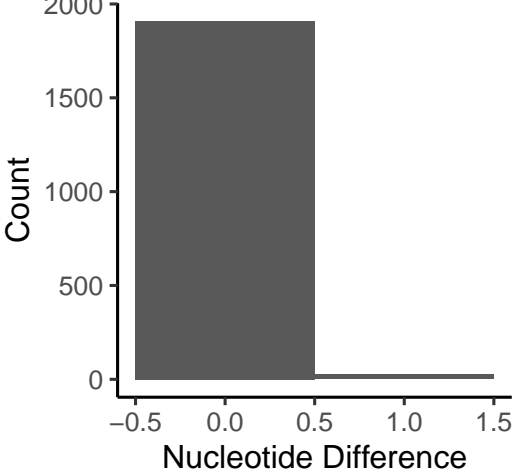
TRBV14\*ap01

4279 sequences assigned  
4251 (99.3%) exact matches, in which:  
4234 unique CDR3  
14 unique J



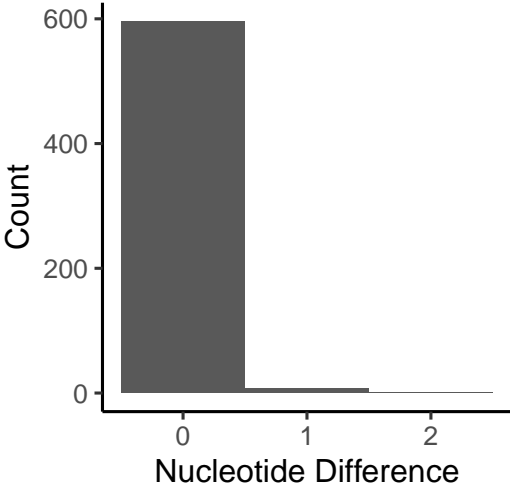
TRBV20-1\*ap02

1935 sequences assigned  
1909 (98.7%) exact matches, in which:  
1900 unique CDR3  
14 unique J



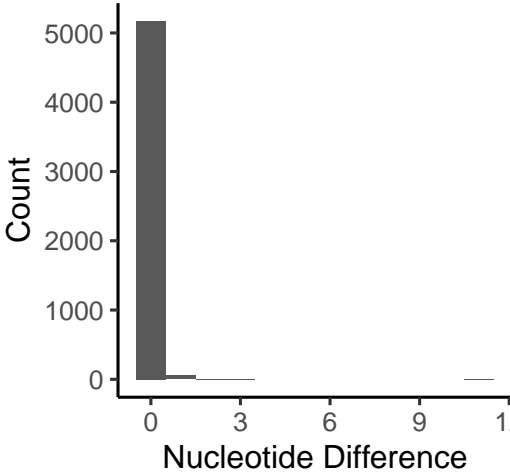
TRBV1\*ap01

604 sequences assigned  
596 (98.7%) exact matches, in which:  
589 unique CDR3  
14 unique J



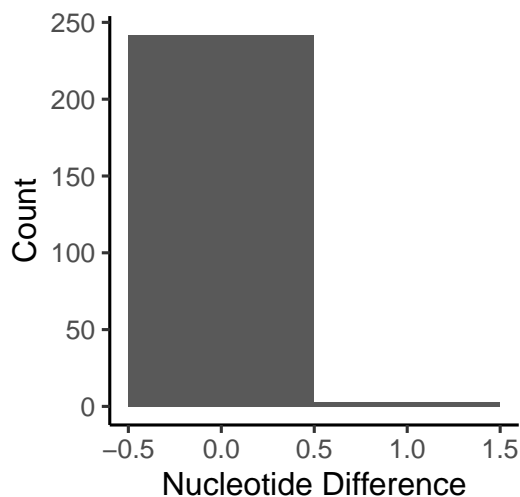
TRBV15\*ap02

5235 sequences assigned  
5172 (98.8%) exact matches, in which:  
5122 unique CDR3  
14 unique J



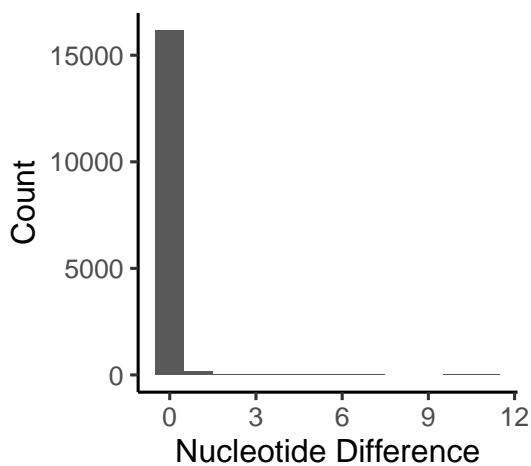
### TRBV16\*ap01

245 sequences assigned  
242 (98.8%) exact matches, in which:  
240 unique CDR3  
14 unique J



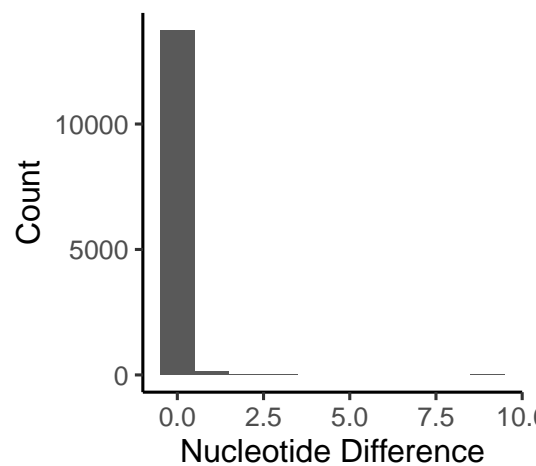
### TRBV19\*ap01

16340 sequences assigned  
16177 (99%) exact matches, in which:  
16132 unique CDR3  
14 unique J



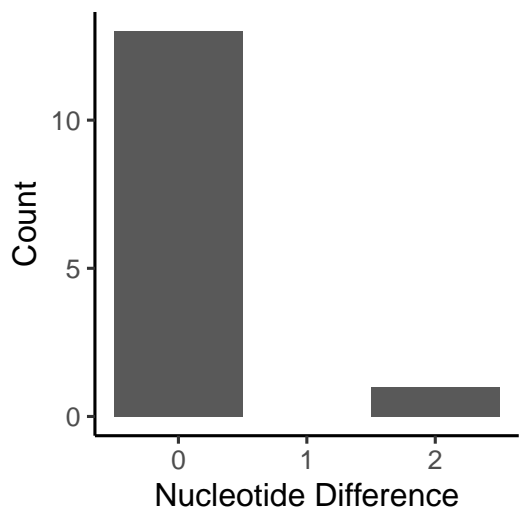
### TRBV28\*ap01

13904 sequences assigned  
13741 (98.8%) exact matches, in which:  
13680 unique CDR3  
14 unique J



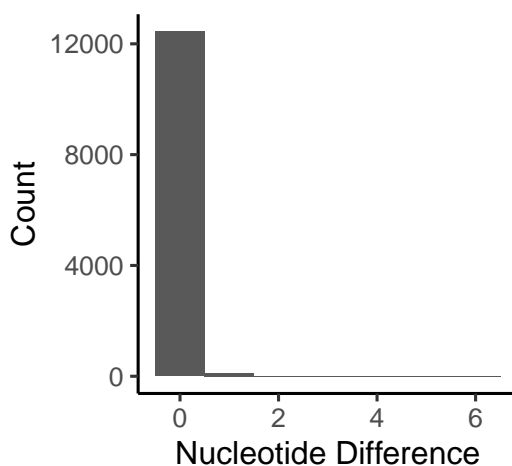
### TRBV17\*ap01

14 sequences assigned  
13 (92.9%) exact matches, in which:  
13 unique CDR3  
5 unique J



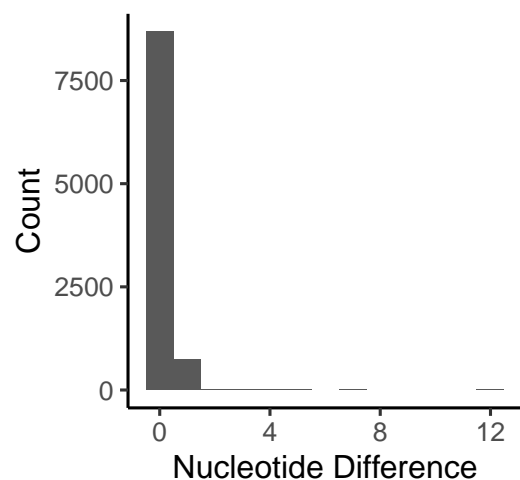
### TRBV2\*ap01

12566 sequences assigned  
12446 (99%) exact matches, in which:  
12347 unique CDR3  
14 unique J



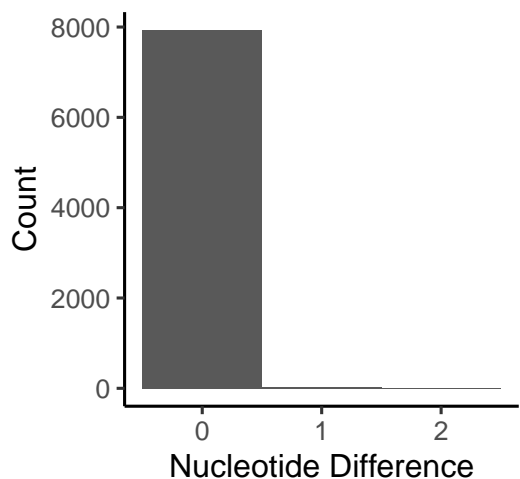
### TRBV30\*ap01

9468 sequences assigned  
8683 (91.7%) exact matches, in which:  
8524 unique CDR3  
14 unique J



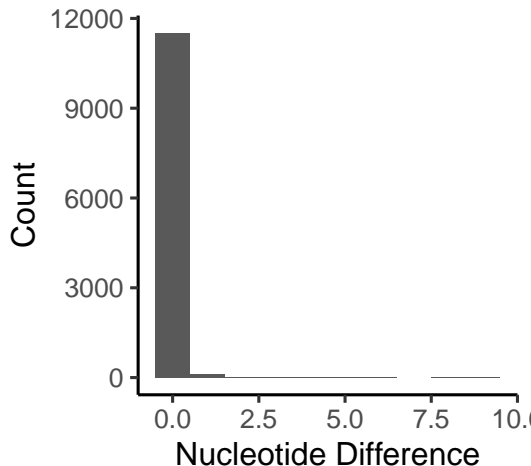
### TRBV18\*ap01

7969 sequences assigned  
7933 (99.5%) exact matches, in which:  
7904 unique CDR3  
14 unique J



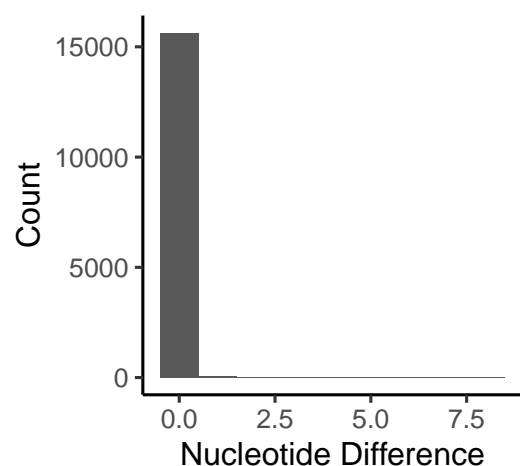
### TRBV27\*ap01

11653 sequences assigned  
11520 (98.9%) exact matches, in which:  
11455 unique CDR3  
14 unique J



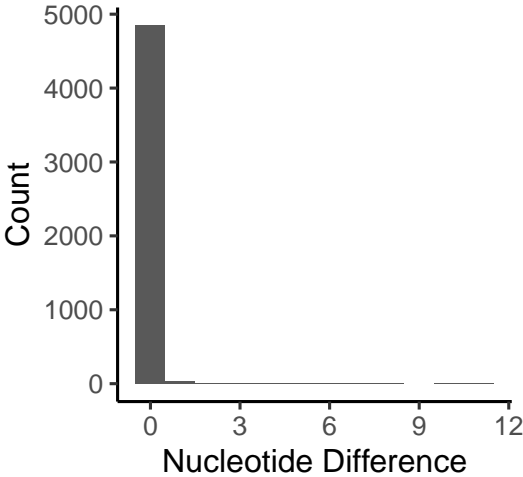
### TRBV9\*ap01

15739 sequences assigned  
15637 (99.4%) exact matches, in which:  
15575 unique CDR3  
14 unique J



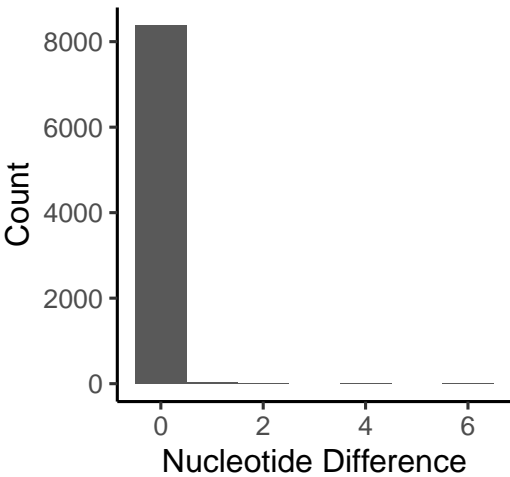
TRBV21-1\*ap01

4925 sequences assigned  
4848 (98.4%) exact matches, in which:  
4836 unique CDR3  
14 unique J



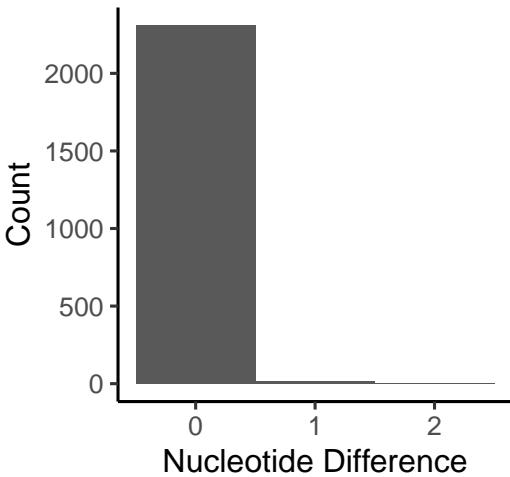
TRBV11-3\*ap01

8432 sequences assigned  
8380 (99.4%) exact matches, in which:  
8350 unique CDR3  
14 unique J



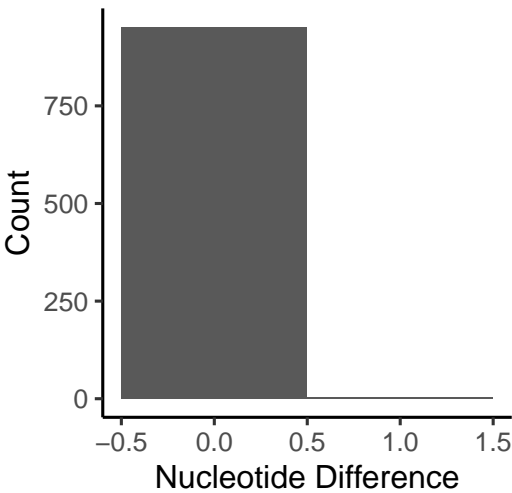
TRBV12-5\*ap01

2326 sequences assigned  
2309 (99.3%) exact matches, in which:  
2290 unique CDR3  
14 unique J



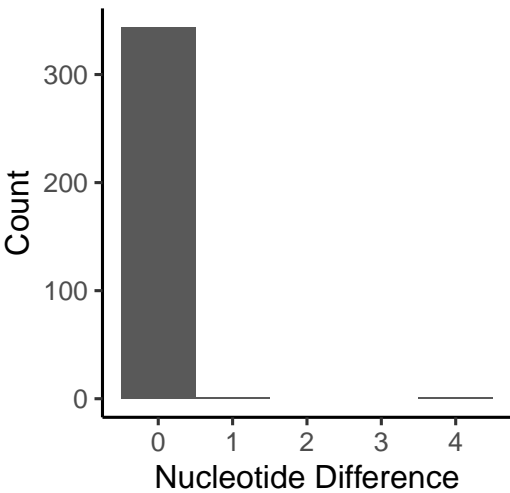
TRBV11-1\*ap01

955 sequences assigned  
952 (99.7%) exact matches, in which:  
948 unique CDR3  
14 unique J



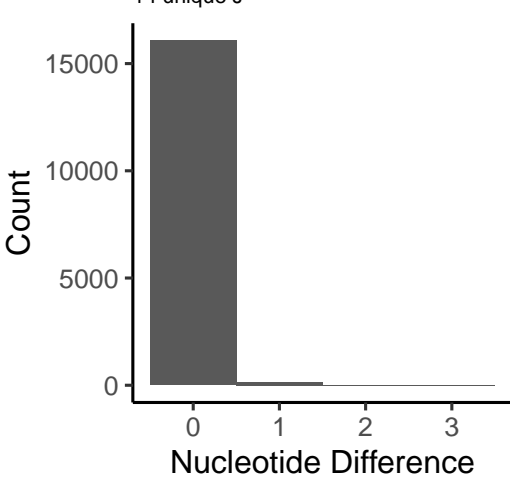
TRBV12-1\*ap01

346 sequences assigned  
344 (99.4%) exact matches, in which:  
341 unique CDR3  
14 unique J



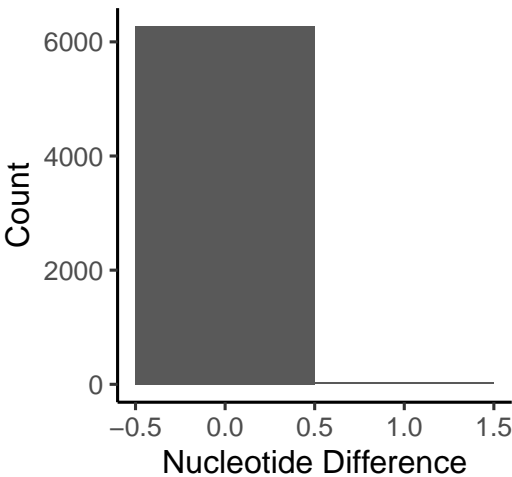
TRBV12-34\*ap01

16226 sequences assigned  
16078 (99.1%) exact matches, in which:  
15955 unique CDR3  
14 unique J



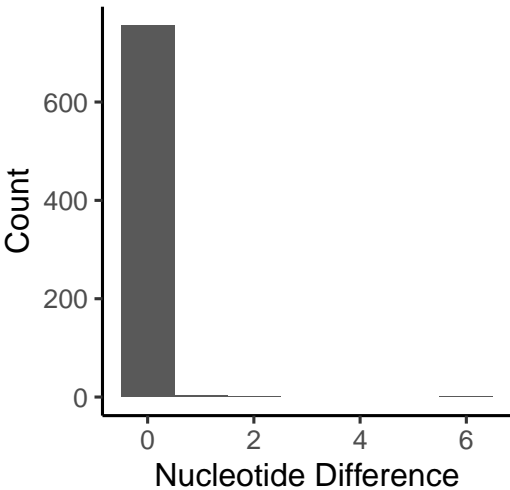
TRBV11-2\*ap01

6306 sequences assigned  
6277 (99.5%) exact matches, in which:  
6249 unique CDR3  
14 unique J



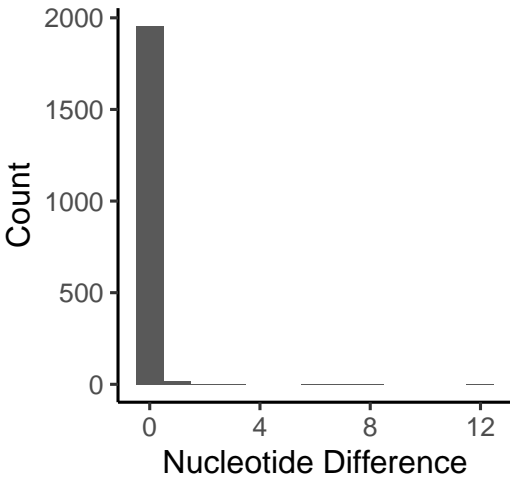
TRBV12-2\*ap01

762 sequences assigned  
756 (99.2%) exact matches, in which:  
752 unique CDR3  
14 unique J



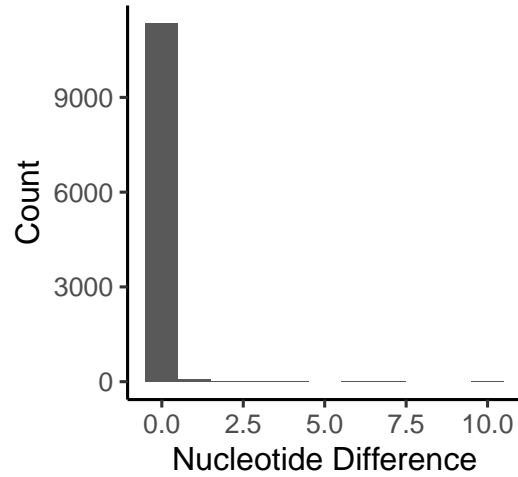
TRBV23-1\*ap01

1983 sequences assigned  
1955 (98.6%) exact matches, in which:  
1942 unique CDR3  
14 unique J



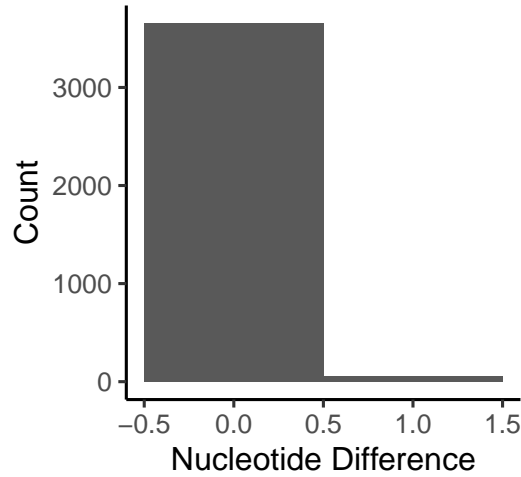
### TRBV3-12\*ap01

11421 sequences assigned  
11343 (99.3%) exact matches, in which:  
11302 unique CDR3  
14 unique J



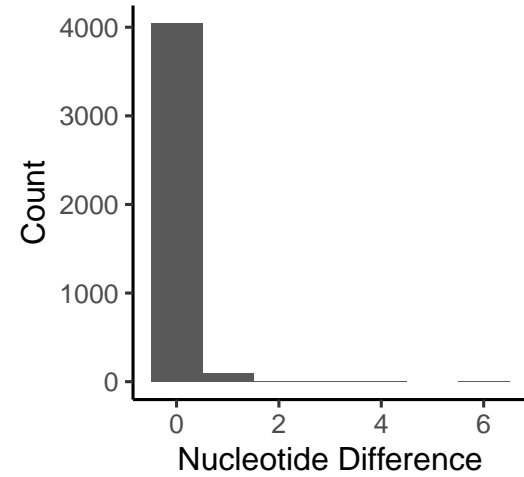
### TRBV4-2\*ap01

3706 sequences assigned  
3653 (98.6%) exact matches, in which:  
3628 unique CDR3  
14 unique J



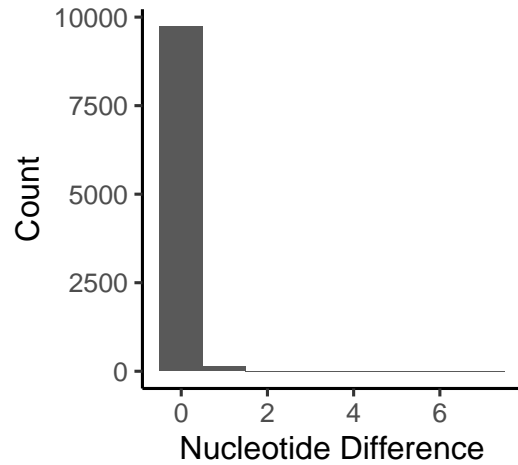
### TRBV25-1\*ap01

4154 sequences assigned  
4043 (97.3%) exact matches, in which:  
4000 unique CDR3  
14 unique J



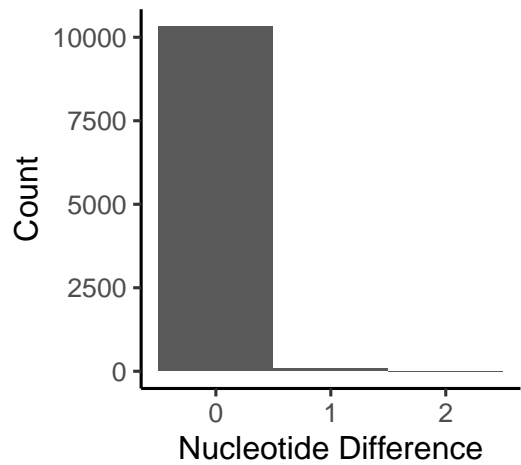
### TRBV24-1\*ap01

9880 sequences assigned  
9736 (98.5%) exact matches, in which:  
9644 unique CDR3  
14 unique J



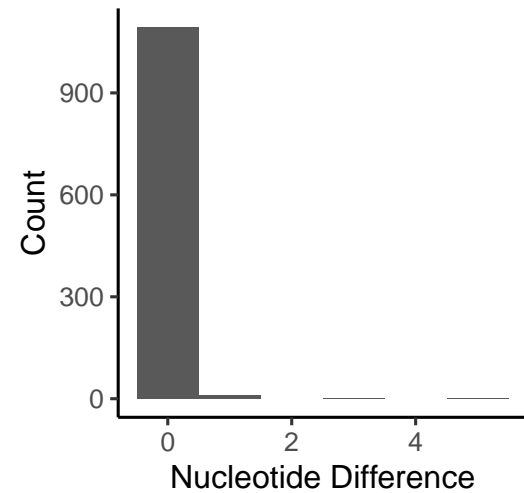
### TRBV4-3\*ap01

10406 sequences assigned  
10323 (99.2%) exact matches, in which:  
10248 unique CDR3  
14 unique J



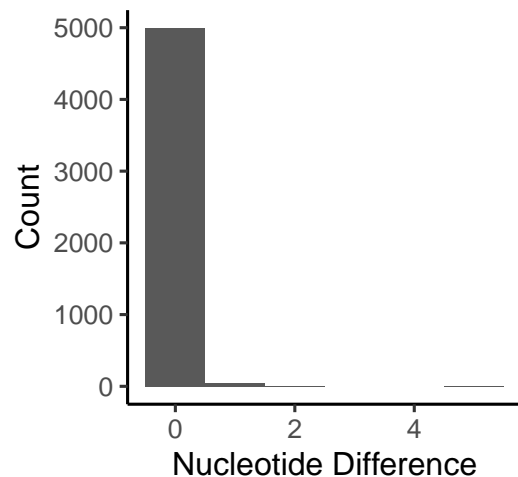
### TRBV5-3\*ap01

1105 sequences assigned  
1094 (99%) exact matches, in which:  
1084 unique CDR3  
14 unique J



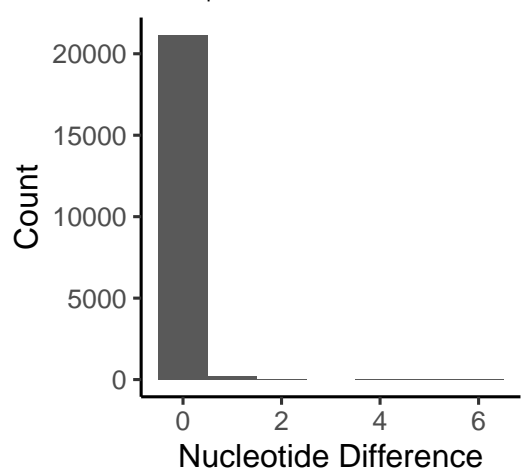
### TRBV4-1\*ap01

5040 sequences assigned  
4995 (99.1%) exact matches, in which:  
4954 unique CDR3  
14 unique J



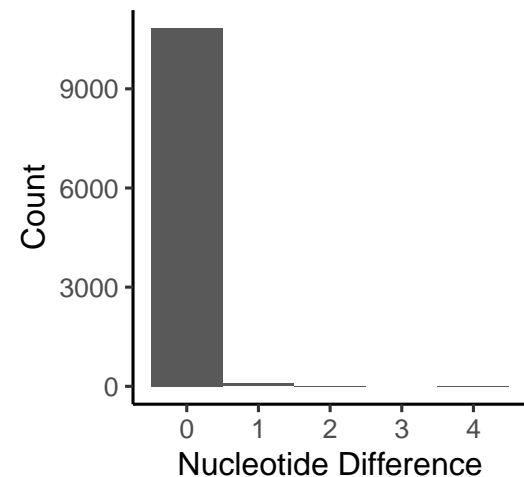
### TRBV5-1\*ap01

21371 sequences assigned  
21165 (99%) exact matches, in which:  
20976 unique CDR3  
14 unique J



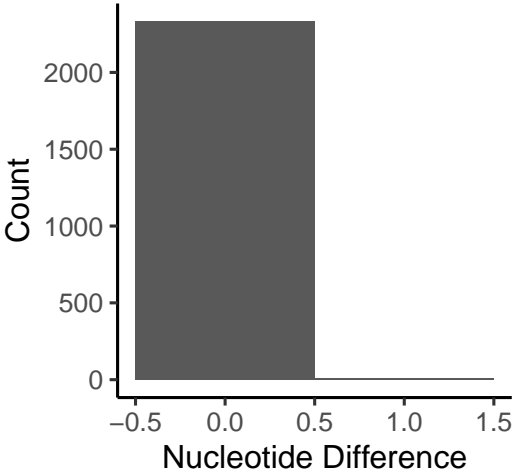
### TRBV5-4\*ap01

10930 sequences assigned  
10839 (99.2%) exact matches, in which:  
10762 unique CDR3  
14 unique J



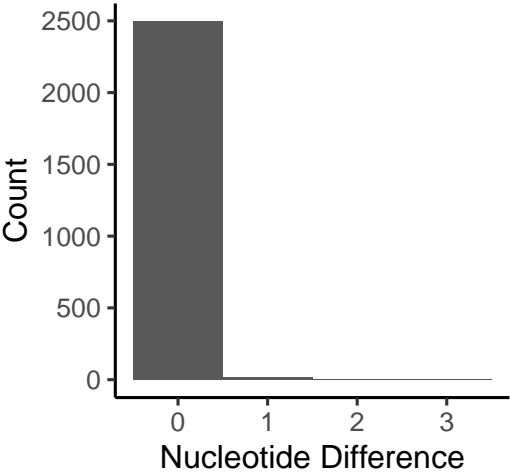
TRBV5-5\*ap01

2341 sequences assigned  
2332 (99.6%) exact matches, in which:  
2326 unique CDR3  
14 unique J



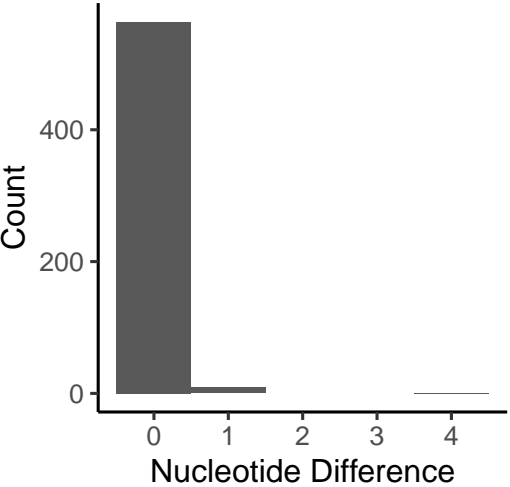
TRBV5-8\*ap01

2517 sequences assigned  
2496 (99.2%) exact matches, in which:  
2482 unique CDR3  
14 unique J



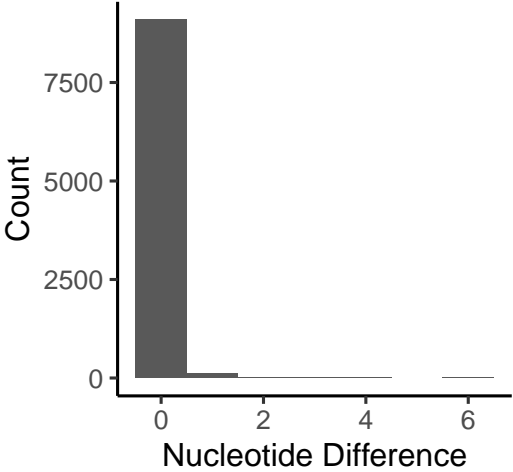
TRBV6-7\*ap01

574 sequences assigned  
564 (98.3%) exact matches, in which:  
556 unique CDR3  
14 unique J



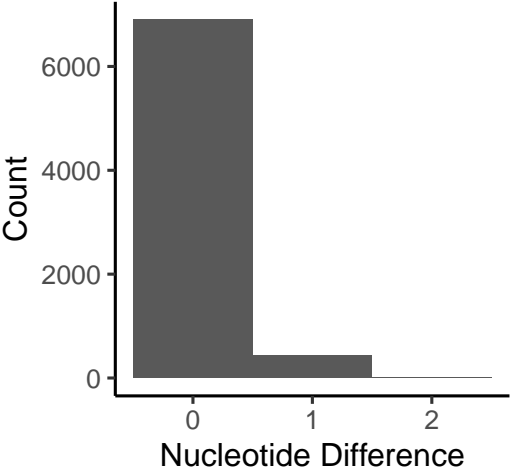
TRBV5-6\*ap01

9206 sequences assigned  
9093 (98.8%) exact matches, in which:  
8972 unique CDR3  
14 unique J



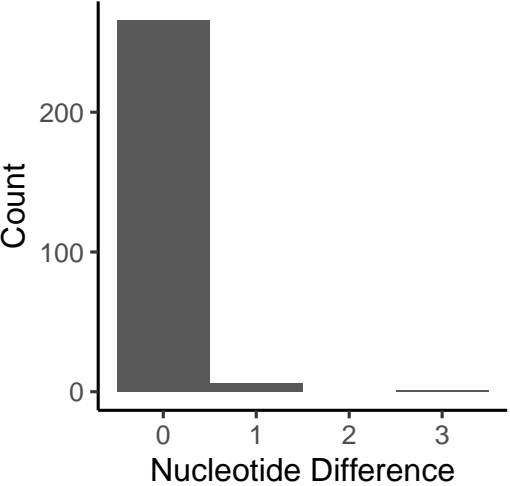
TRBV6-1\*ap01

7344 sequences assigned  
6900 (94%) exact matches, in which:  
6829 unique CDR3  
14 unique J



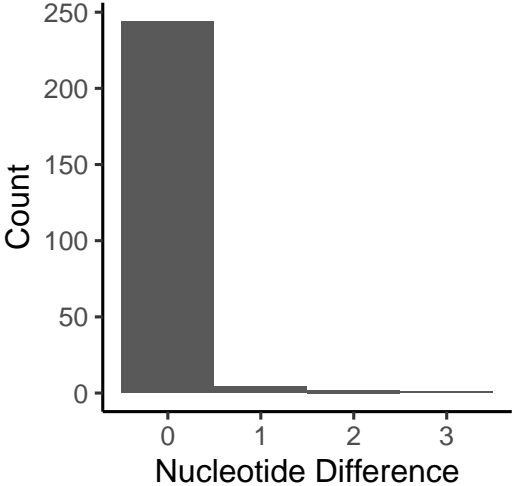
TRBV6-8\*ap01

273 sequences assigned  
266 (97.4%) exact matches, in which:  
260 unique CDR3  
14 unique J



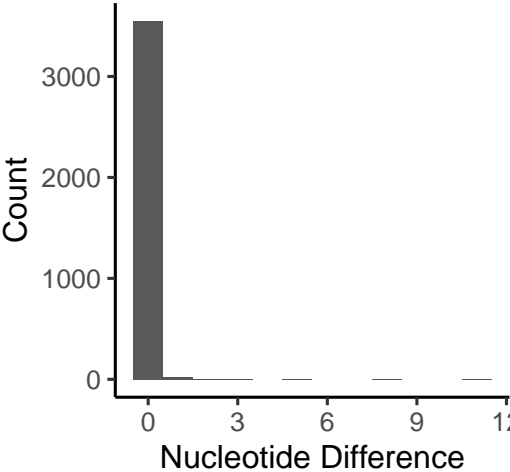
TRBV5-7\*ap01

251 sequences assigned  
244 (97.2%) exact matches, in which:  
242 unique CDR3  
14 unique J



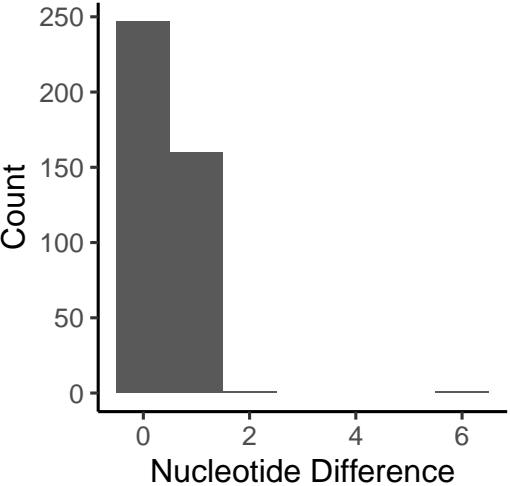
TRBV6-4\*ap01

3578 sequences assigned  
3549 (99.2%) exact matches, in which:  
3525 unique CDR3  
14 unique J



TRBV6-9\*ap01

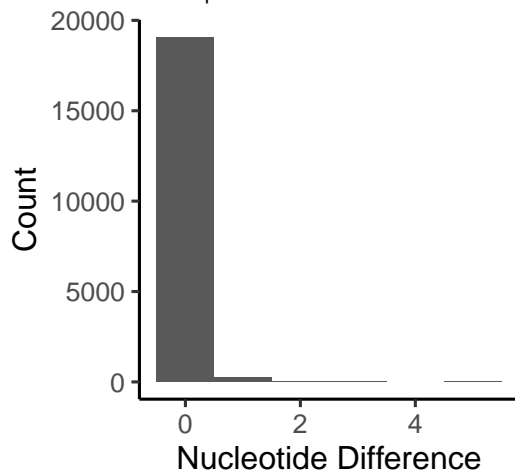
409 sequences assigned  
247 (60.4%) exact matches, in which:  
243 unique CDR3  
14 unique J





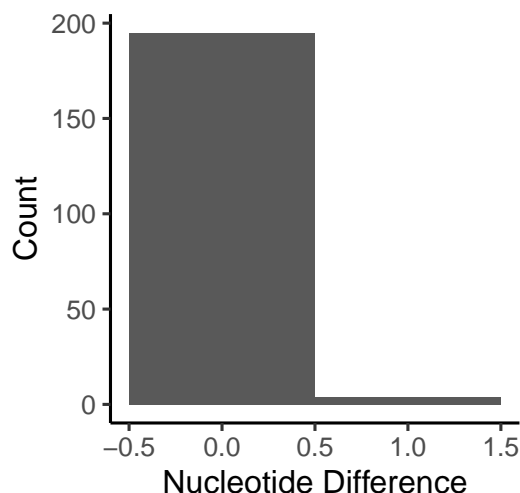
### TRBV6-23\*ap01

19343 sequences assigned  
19071 (98.6%) exact matches, in which:  
18796 unique CDR3  
14 unique J



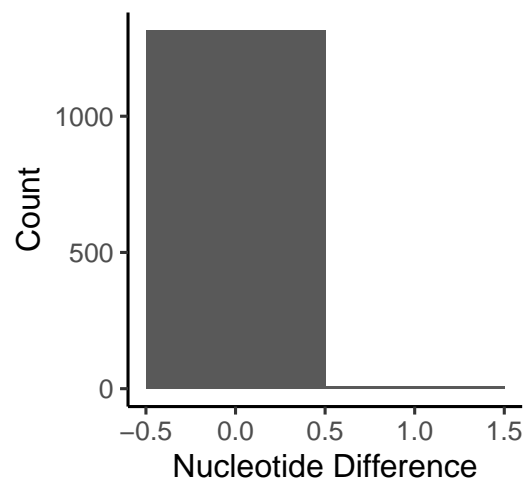
### TRBV7-1\*ap01\_G291C\_

199 sequences assigned  
195 (98%) exact matches, in which:  
194 unique CDR3  
14 unique J



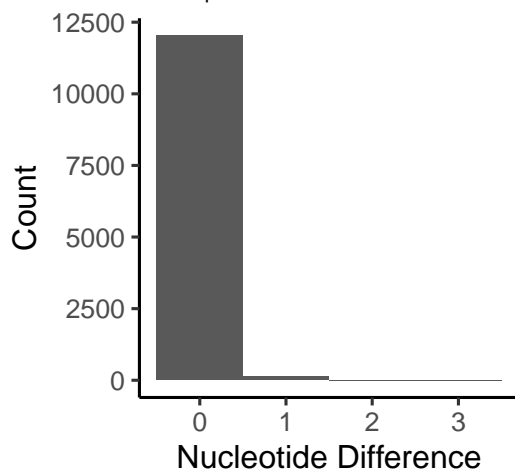
### TRBV7-3\*ap02

1323 sequences assigned  
1315 (99.4%) exact matches, in which:  
1308 unique CDR3  
13 unique J



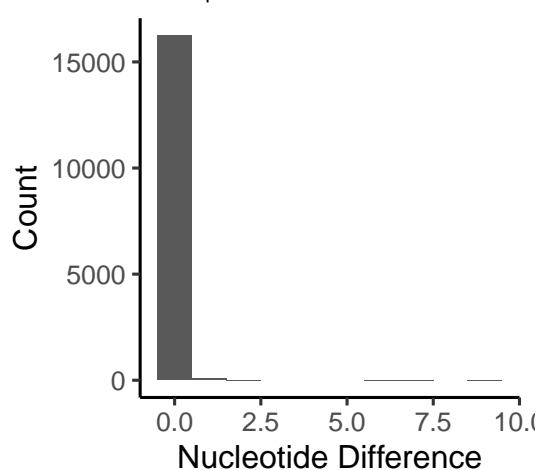
### TRBV6-56\*ap01

12180 sequences assigned  
12037 (98.8%) exact matches, in which:  
11897 unique CDR3  
14 unique J



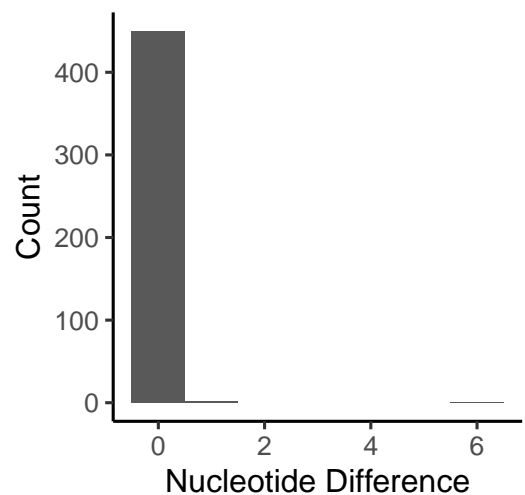
### TRBV7-2\*ap01

16341 sequences assigned  
16247 (99.4%) exact matches, in which:  
16186 unique CDR3  
14 unique J



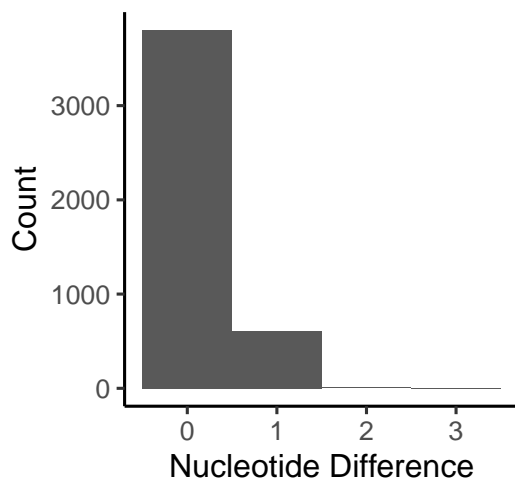
### TRBV7-4\*ap01

453 sequences assigned  
450 (99.3%) exact matches, in which:  
446 unique CDR3  
14 unique J



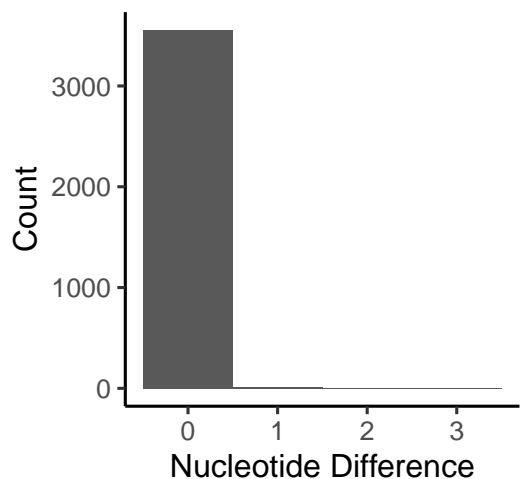
### TRBV6-56\*ap02

4422 sequences assigned  
3802 (86%) exact matches, in which:  
3760 unique CDR3  
14 unique J



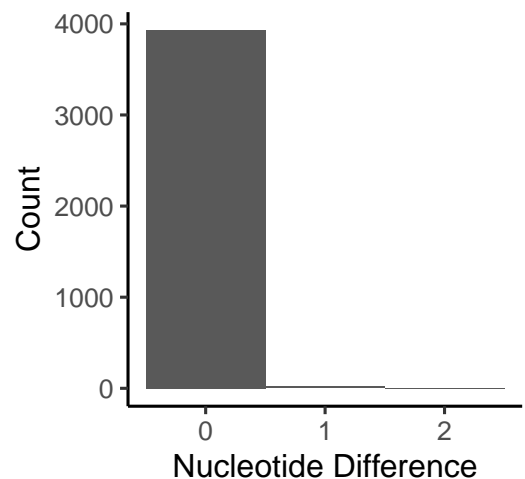
### TRBV7-3\*ap01

3570 sequences assigned  
3555 (99.6%) exact matches, in which:  
3536 unique CDR3  
13 unique J



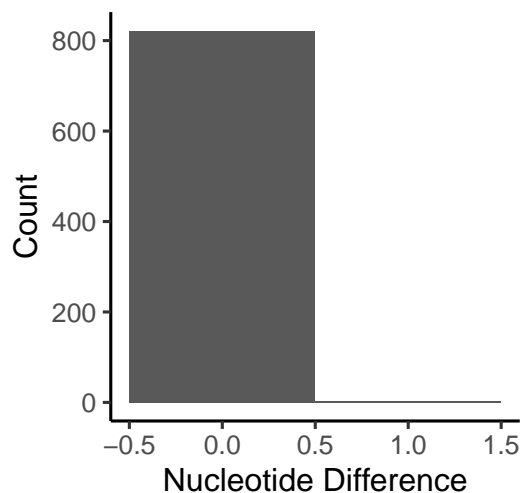
### TRBV7-6\*ap01

3955 sequences assigned  
3932 (99.4%) exact matches, in which:  
3914 unique CDR3  
14 unique J



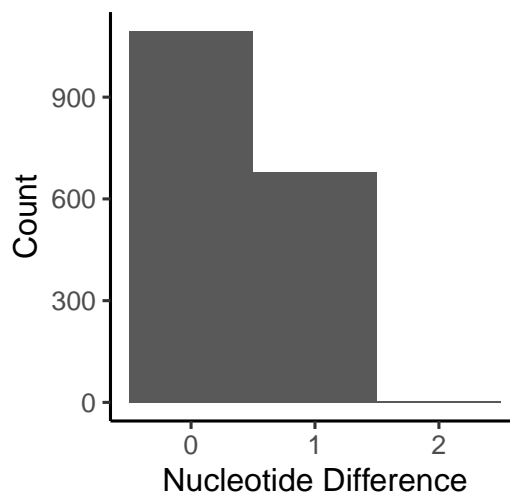
### TRBV7-7\*ap01

825 sequences assigned  
822 (99.6%) exact matches, in which:  
814 unique CDR3  
14 unique J



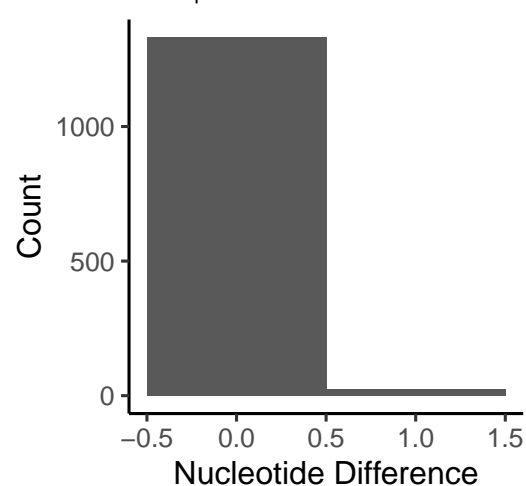
### TRBV7-8\*ap03

1779 sequences assigned  
1096 (61.6%) exact matches, in which:  
1091 unique CDR3  
14 unique J



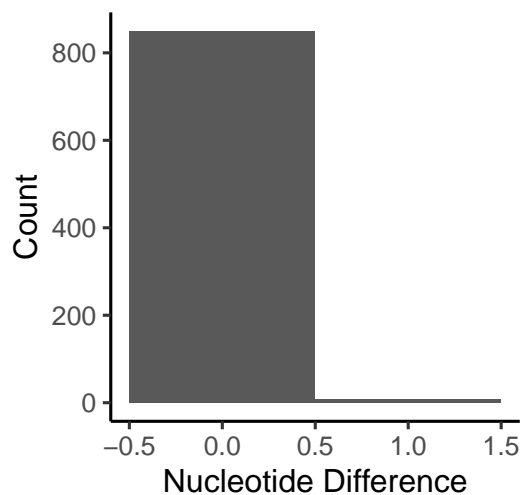
### TRBV29-1\*ap02

1354 sequences assigned  
1331 (98.3%) exact matches, in which:  
1311 unique CDR3  
14 unique J



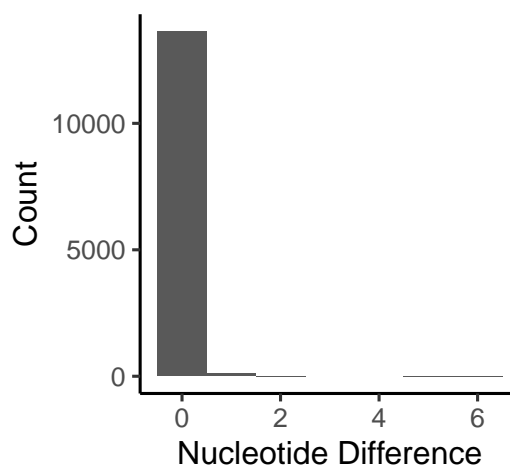
### TRBV7-7\*ap01\_C315T

857 sequences assigned  
850 (99.2%) exact matches, in which:  
844 unique CDR3  
13 unique J



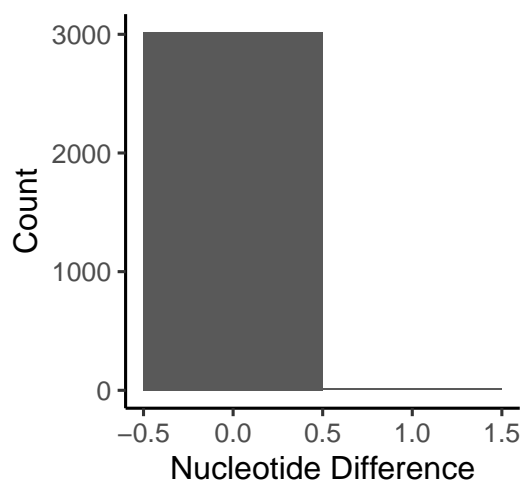
### TRBV7-9\*ap01

13754 sequences assigned  
13633 (99.1%) exact matches, in which:  
13533 unique CDR3  
14 unique J



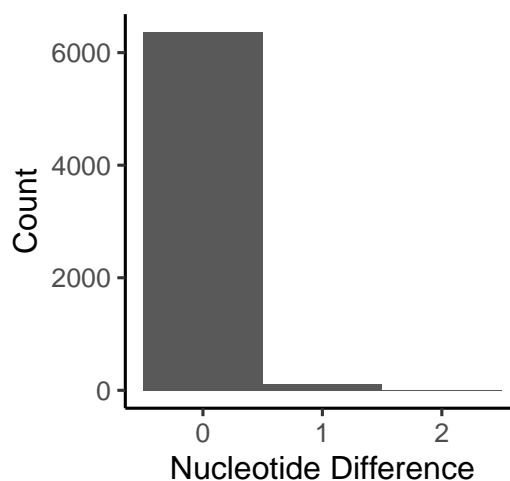
### TRBV7-8\*ap01

3035 sequences assigned  
3019 (99.5%) exact matches, in which:  
3001 unique CDR3  
14 unique J

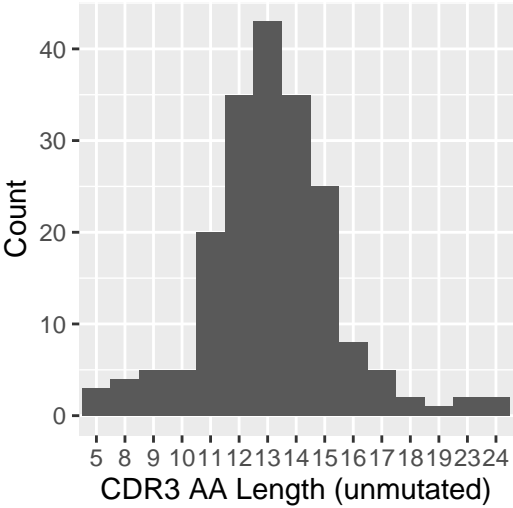


### TRBV29-1\*ap01

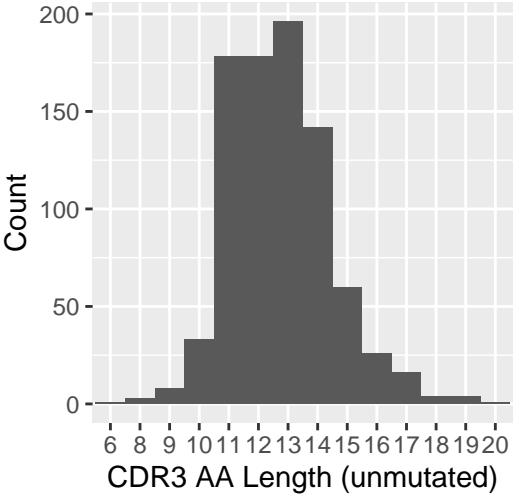
6478 sequences assigned  
6366 (98.3%) exact matches, in which:  
6267 unique CDR3  
14 unique J



TRBV7-1\*ap01\_G291C\_T296C

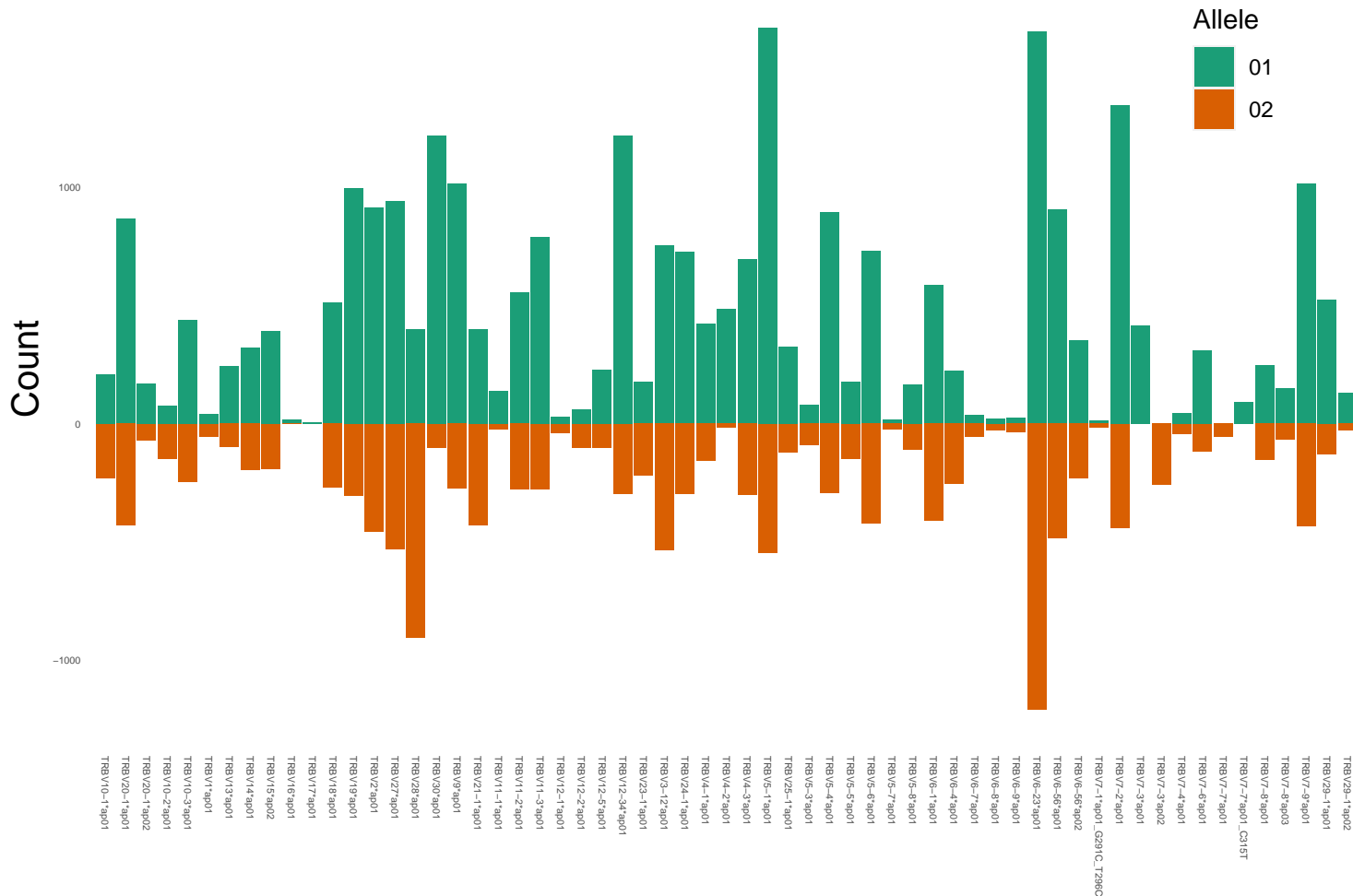


TRBV7-7\*ap01\_C315T





Sequence Count by TRBJ2–7 allele usage



Warning – no inferred sequences found.

Warning – no inferred sequences found.