

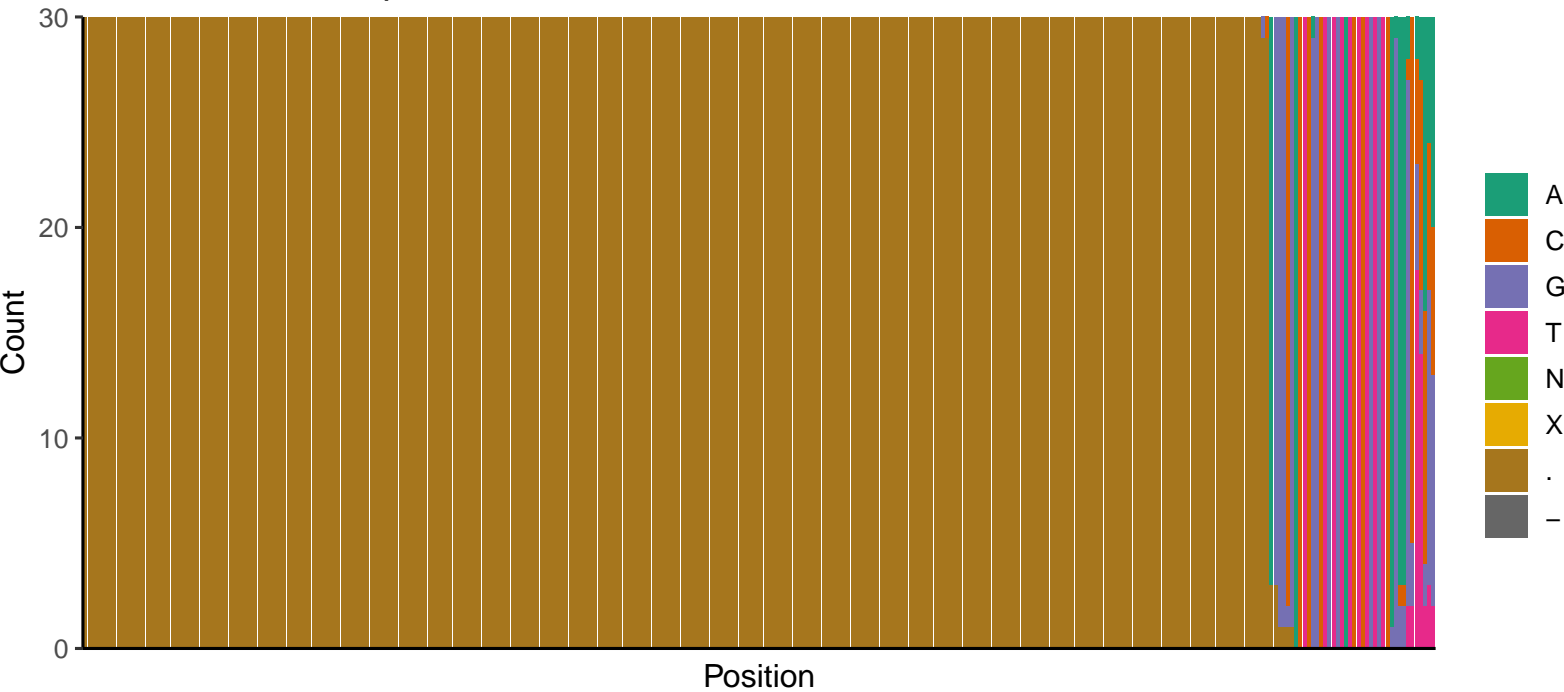
Gene TRBV7-1\*ap01\_T296C\_C314T



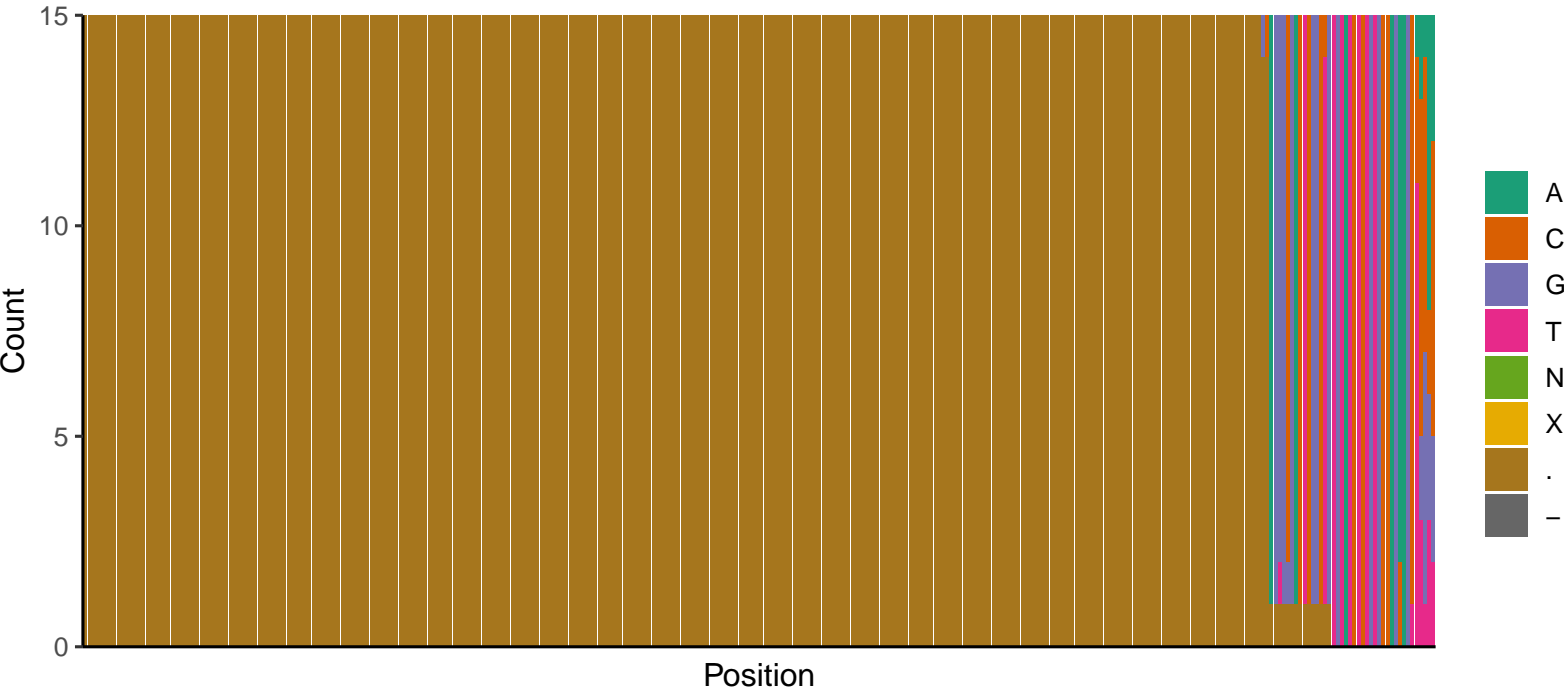
Gene TRBV7-1\*ap01\_T296C



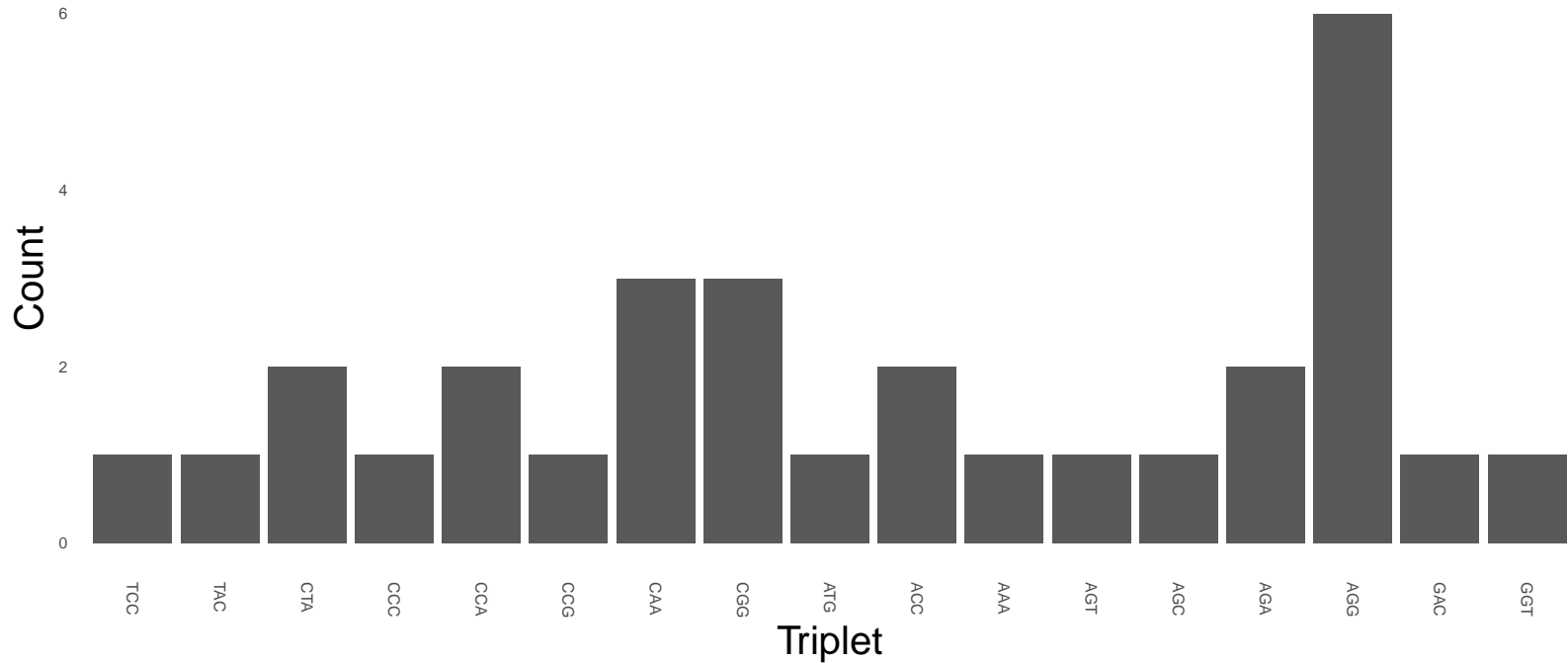
Gene TRBV7-1\*ap01\_T296C\_C314T



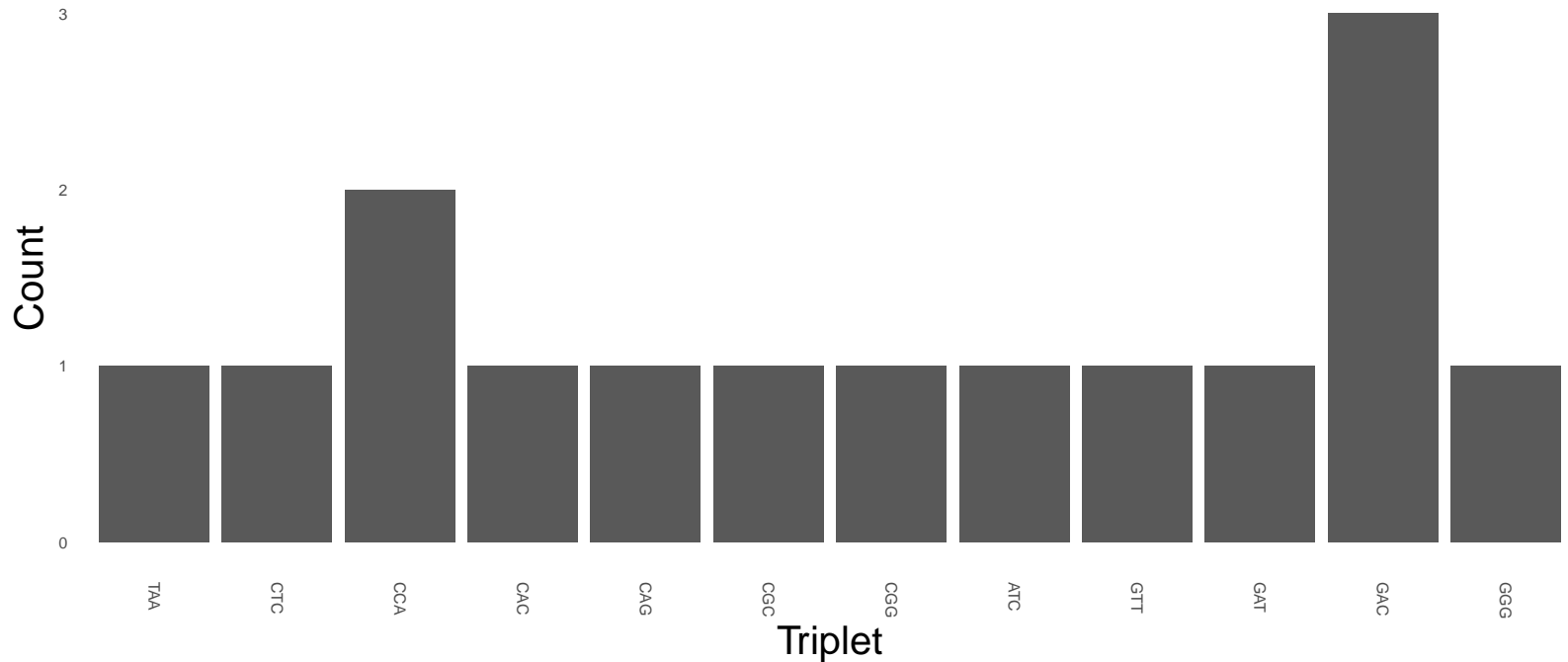
Gene TRBV7-1\*ap01\_T296C



TRBV7-1\*ap01\_T296C\_C314T- Final 3 nucleotides as a triplet

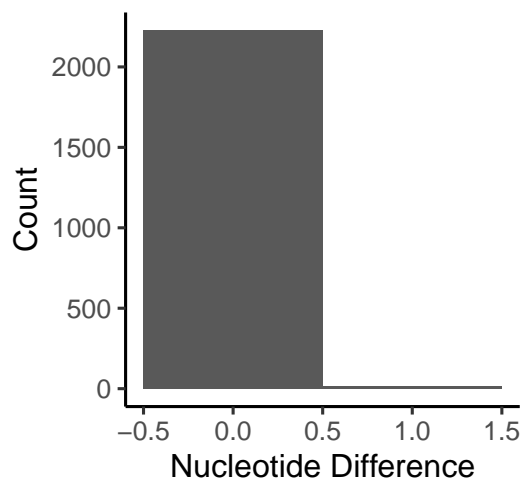


TRBV7-1\*ap01\_T296C- Final 3 nucleotides as a triplet



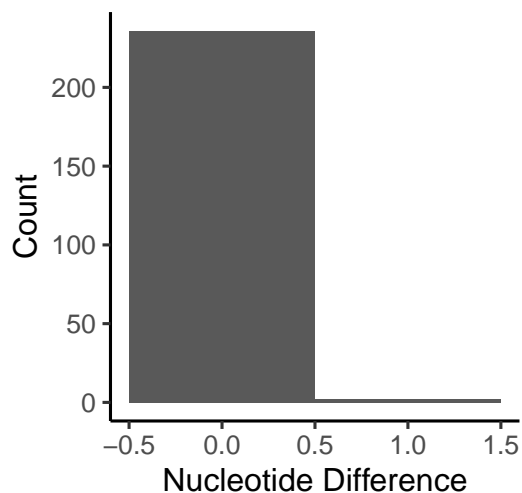
### TRBV20-1\*ap01

2240 sequences assigned  
2227 (99.4%) exact matches, in which:  
2210 unique CDR3  
13 unique J



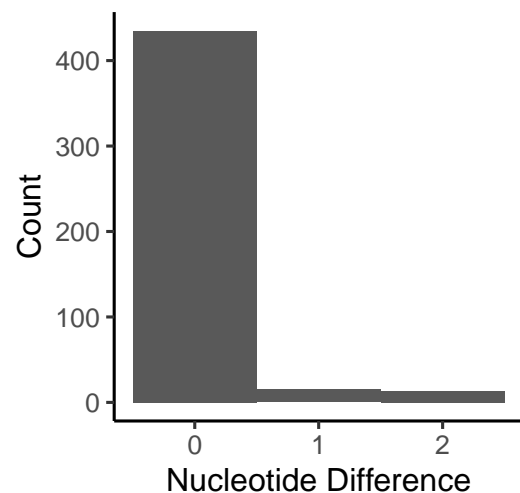
### TRBV10-2\*ap01

238 sequences assigned  
236 (99.2%) exact matches, in which:  
232 unique CDR3  
12 unique J



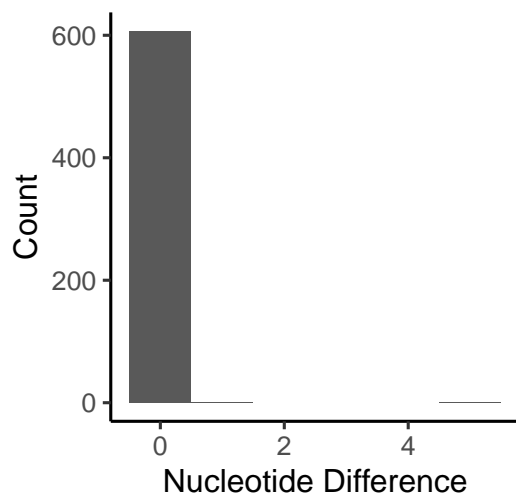
### TRBV13\*ap01

463 sequences assigned  
435 (94%) exact matches, in which:  
427 unique CDR3  
13 unique J



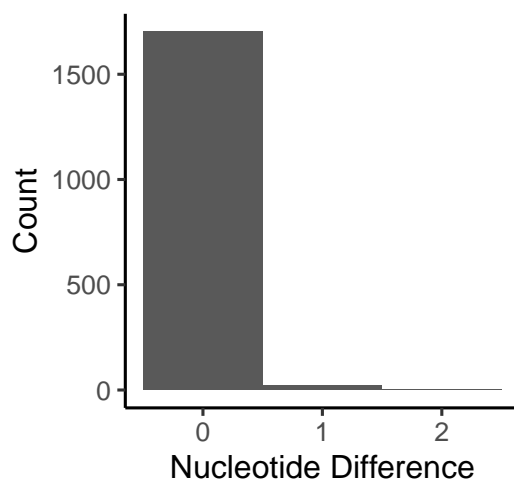
### TRBV10-1\*ap01

609 sequences assigned  
607 (99.7%) exact matches, in which:  
604 unique CDR3  
13 unique J



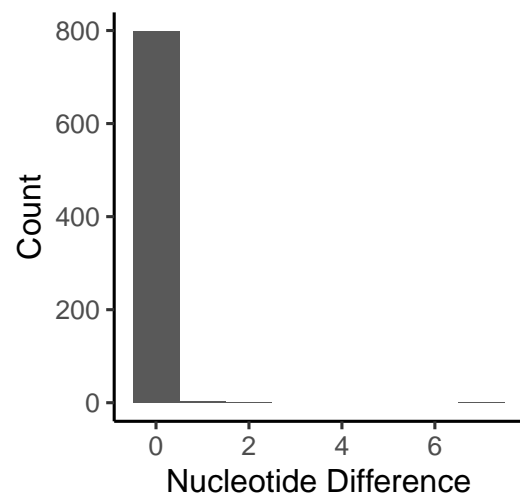
### TRBV10-3\*ap01

1723 sequences assigned  
1702 (98.8%) exact matches, in which:  
1688 unique CDR3  
13 unique J



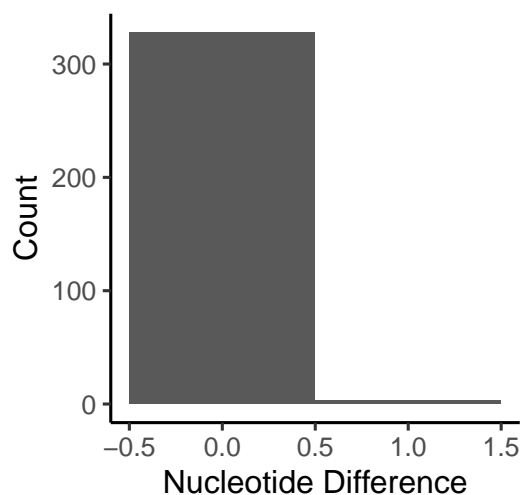
### TRBV14\*ap01

805 sequences assigned  
799 (99.3%) exact matches, in which:  
797 unique CDR3  
13 unique J



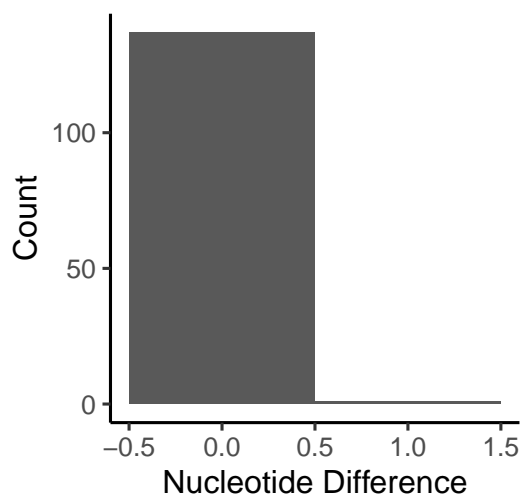
### TRBV20-1\*ap02

331 sequences assigned  
328 (99.1%) exact matches, in which:  
326 unique CDR3  
13 unique J



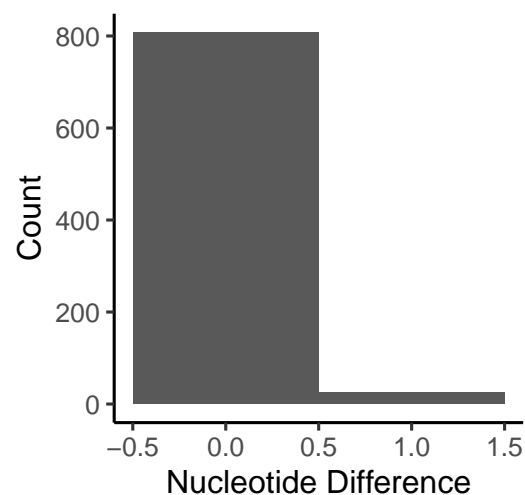
### TRBV1\*ap01

138 sequences assigned  
137 (99.3%) exact matches, in which:  
137 unique CDR3  
12 unique J



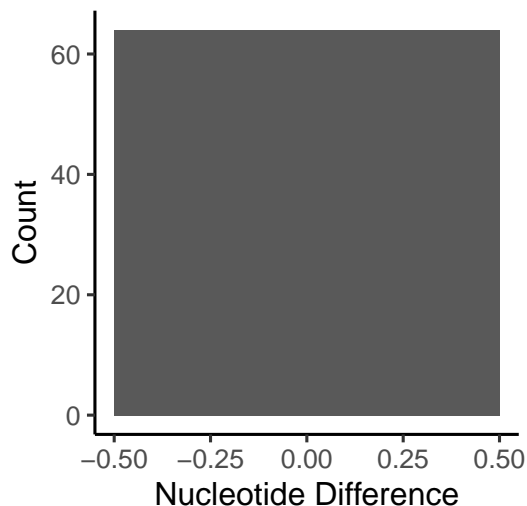
### TRBV15\*ap02

833 sequences assigned  
808 (97%) exact matches, in which:  
795 unique CDR3  
13 unique J



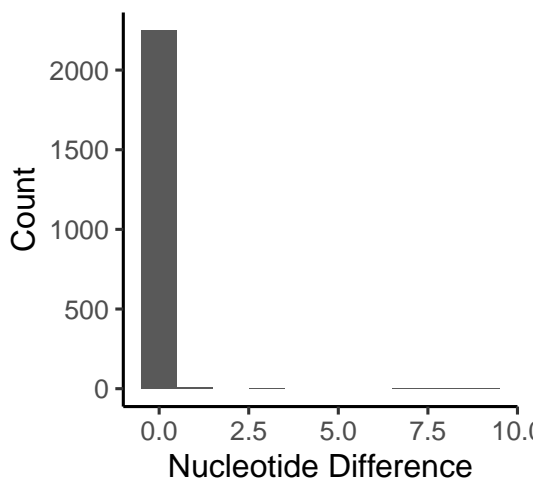
### TRBV16\*ap01

64 sequences assigned  
64 (100%) exact matches, in which:  
63 unique CDR3  
12 unique J



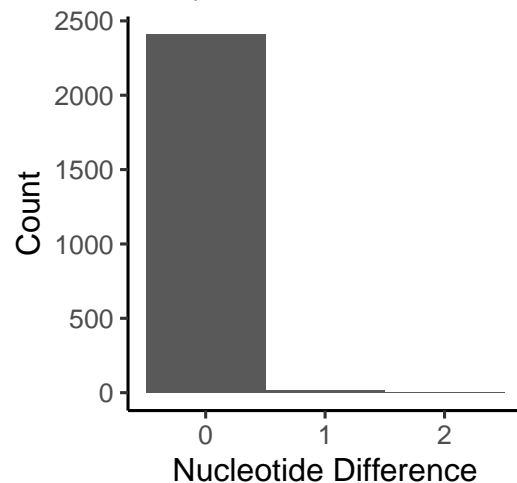
### TRBV19\*ap01

2262 sequences assigned  
2249 (99.4%) exact matches, in which:  
2242 unique CDR3  
13 unique J



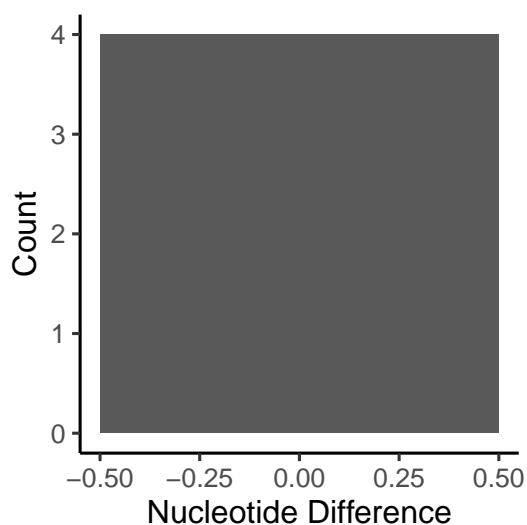
### TRBV28\*ap01

2425 sequences assigned  
2409 (99.3%) exact matches, in which:  
2401 unique CDR3  
13 unique J



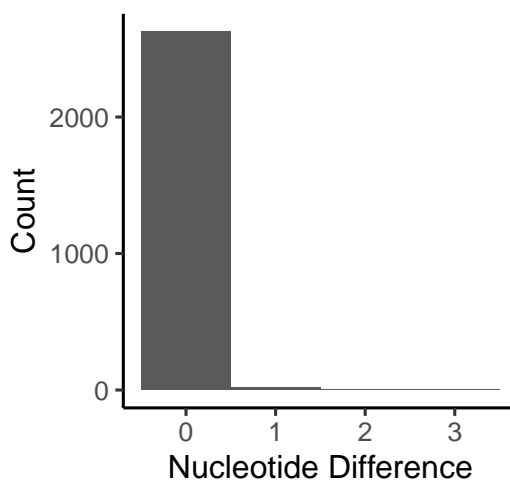
### TRBV17\*ap01

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



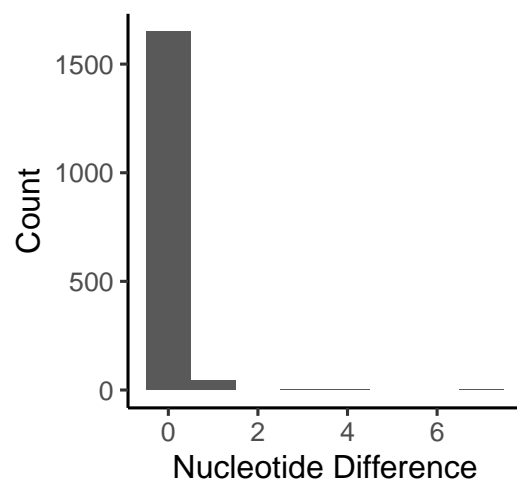
### TRBV2\*ap01

2650 sequences assigned  
2625 (99.1%) exact matches, in which:  
2607 unique CDR3  
13 unique J



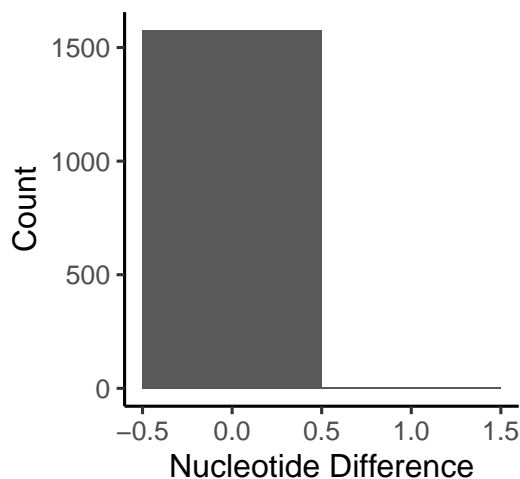
### TRBV30\*ap02

1698 sequences assigned  
1649 (97.1%) exact matches, in which:  
1623 unique CDR3  
13 unique J



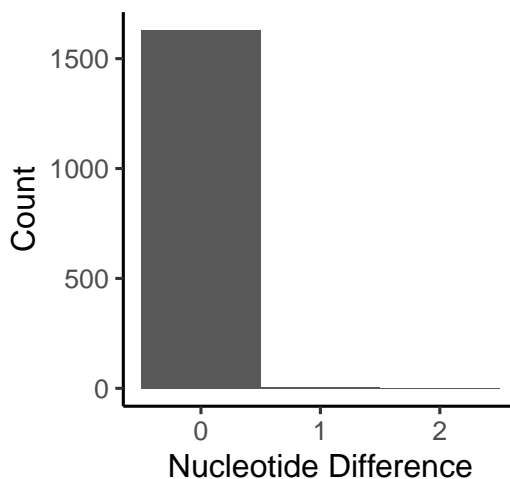
### TRBV18\*ap01

1583 sequences assigned  
1577 (99.6%) exact matches, in which:  
1573 unique CDR3  
13 unique J



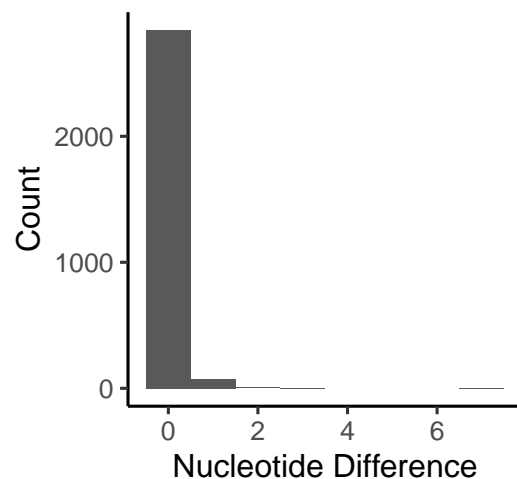
### TRBV27\*ap01

1638 sequences assigned  
1630 (99.5%) exact matches, in which:  
1619 unique CDR3  
13 unique J



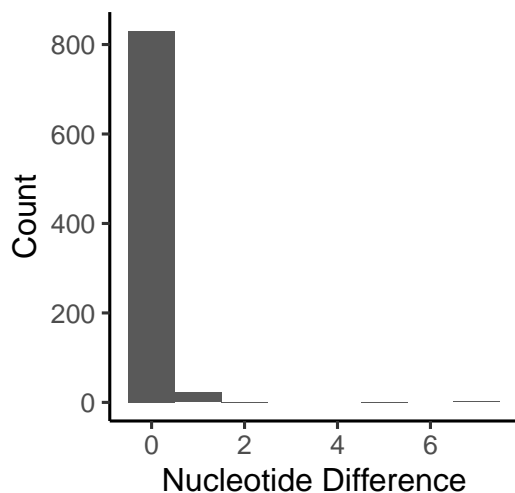
### TRBV9\*ap01

2923 sequences assigned  
2843 (97.3%) exact matches, in which:  
2818 unique CDR3  
13 unique J



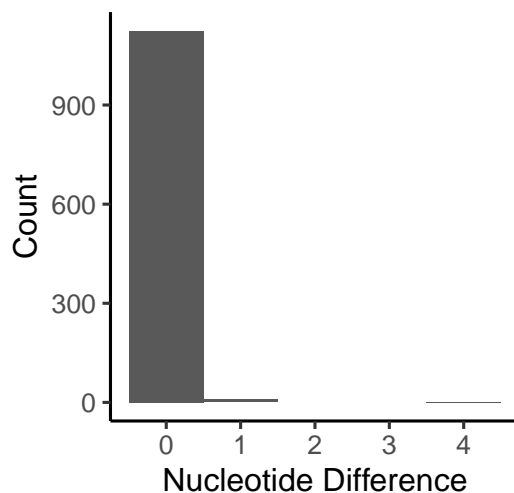
### TRBV21–1\*ap01

857 sequences assigned  
831 (97%) exact matches, in which:  
826 unique CDR3  
13 unique J



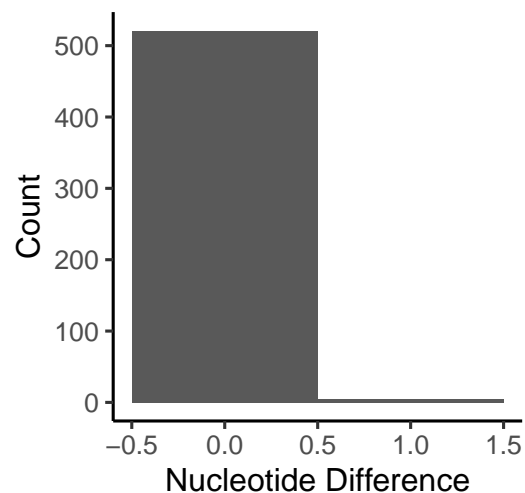
### TRBV11–3\*ap01

1135 sequences assigned  
1125 (99.1%) exact matches, in which:  
1120 unique CDR3  
13 unique J



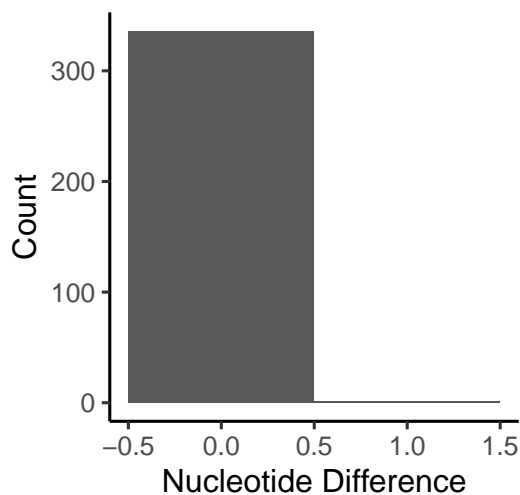
### TRBV12–5\*ap01

526 sequences assigned  
521 (99%) exact matches, in which:  
516 unique CDR3  
13 unique J



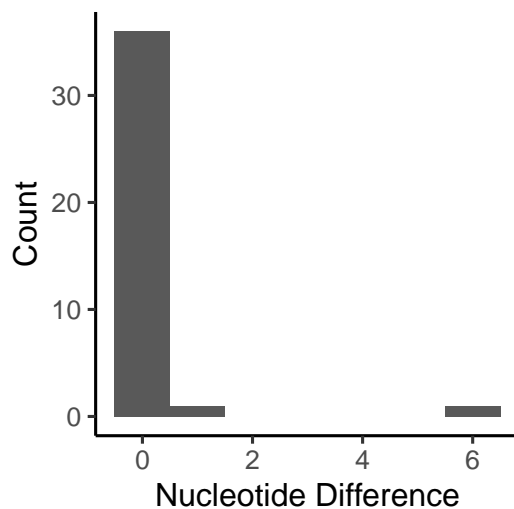
### TRBV11–1\*ap01

337 sequences assigned  
336 (99.7%) exact matches, in which:  
335 unique CDR3  
13 unique J



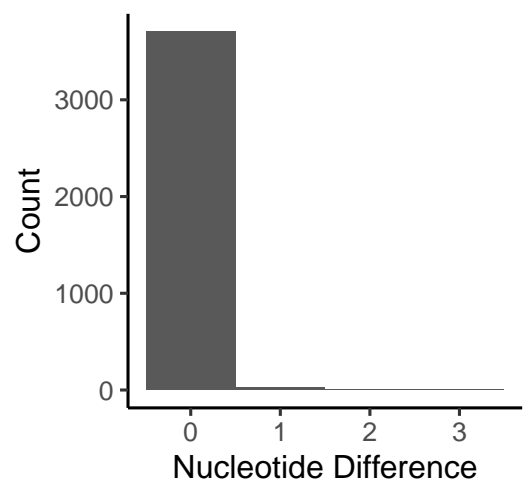
### TRBV12–1\*ap01

38 sequences assigned  
36 (94.7%) exact matches, in which:  
36 unique CDR3  
9 unique J



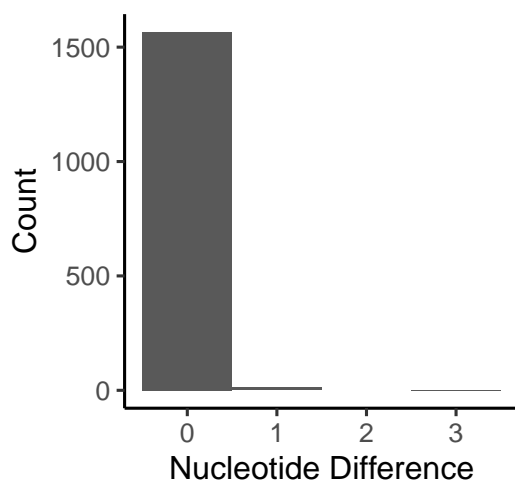
### TRBV12–34\*ap01

3736 sequences assigned  
3704 (99.1%) exact matches, in which:  
3681 unique CDR3  
13 unique J



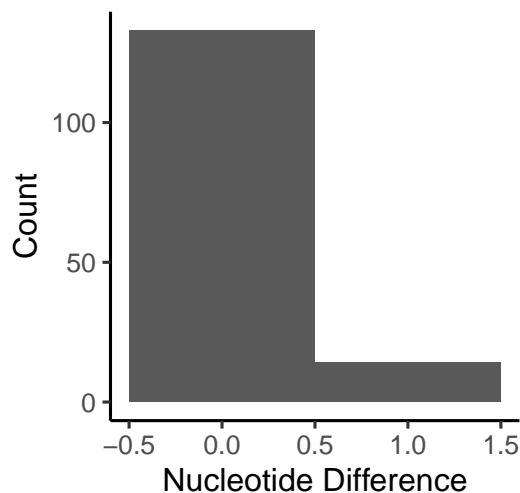
### TRBV11–2\*ap01

1580 sequences assigned  
1566 (99.1%) exact matches, in which:  
1557 unique CDR3  
13 unique J



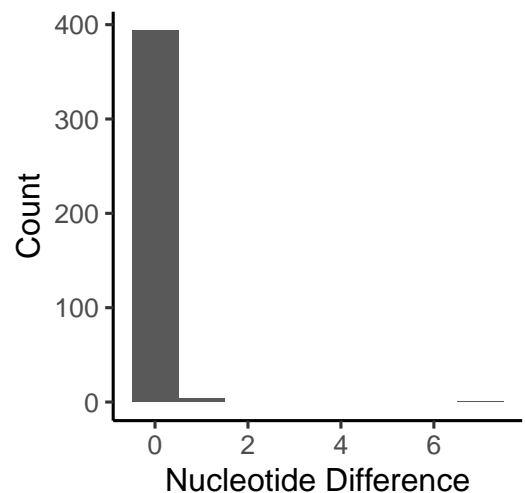
### TRBV12–2\*ap01

147 sequences assigned  
133 (90.5%) exact matches, in which:  
132 unique CDR3  
12 unique J



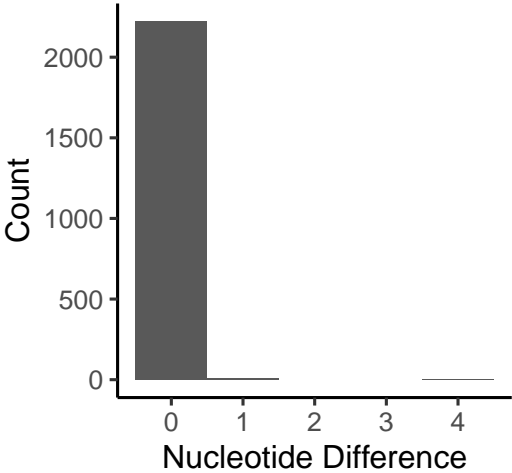
### TRBV23–1\*ap01

399 sequences assigned  
394 (98.7%) exact matches, in which:  
394 unique CDR3  
13 unique J



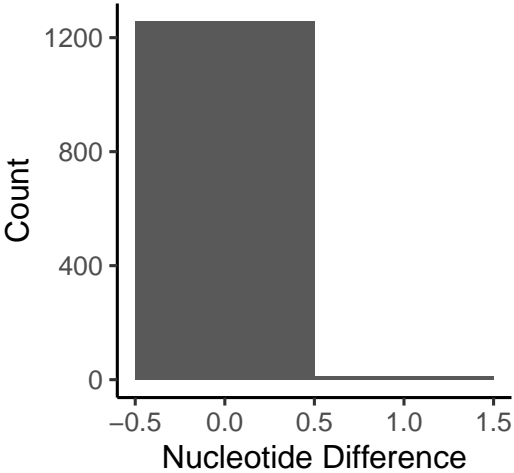
TRBV3-12\*ap01

2233 sequences assigned  
2222 (99.5%) exact matches, in which:  
2218 unique CDR3  
13 unique J



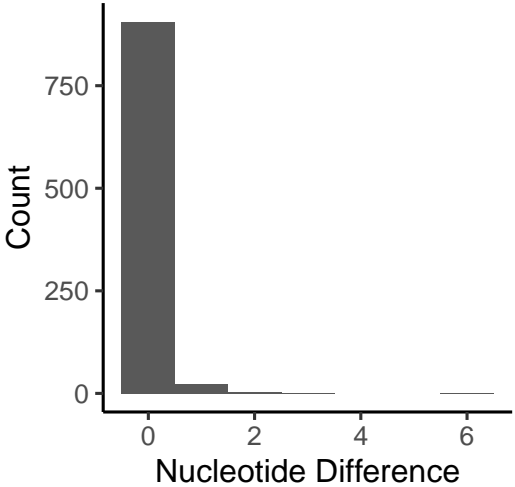
TRBV4-2\*ap01

1270 sequences assigned  
1257 (99%) exact matches, in which:  
1242 unique CDR3  
13 unique J



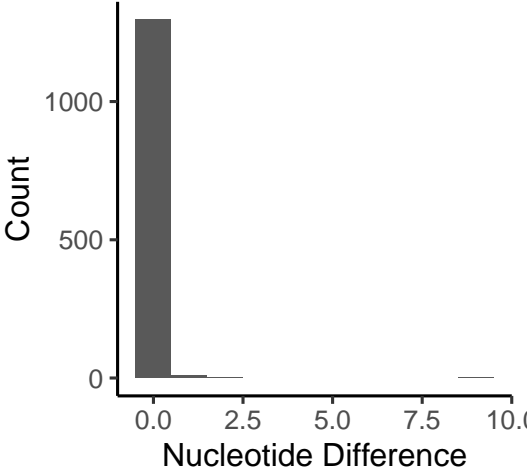
TRBV25-1\*ap01

934 sequences assigned  
906 (97%) exact matches, in which:  
890 unique CDR3  
13 unique J



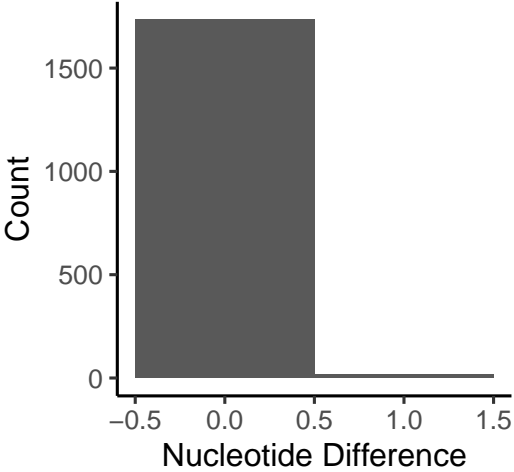
TRBV4-1\*ap01

1307 sequences assigned  
1296 (99.2%) exact matches, in which:  
1276 unique CDR3  
13 unique J



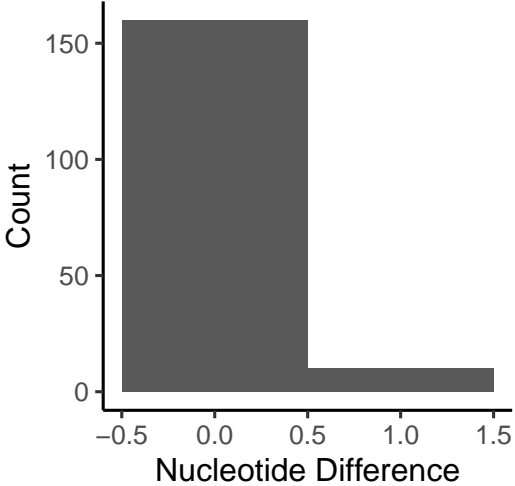
TRBV4-3\*ap01

1751 sequences assigned  
1734 (99%) exact matches, in which:  
1720 unique CDR3  
13 unique J



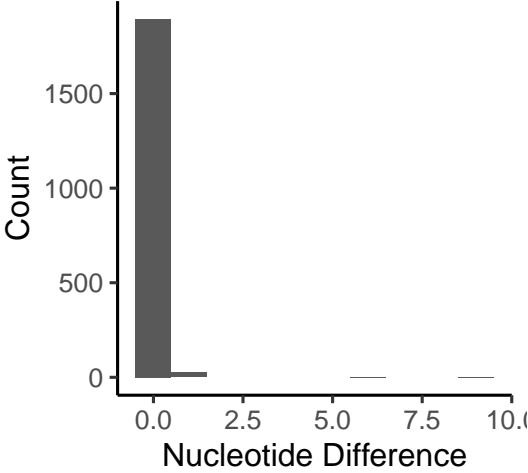
TRBV5-3\*ap01

170 sequences assigned  
160 (94.1%) exact matches, in which:  
160 unique CDR3  
13 unique J



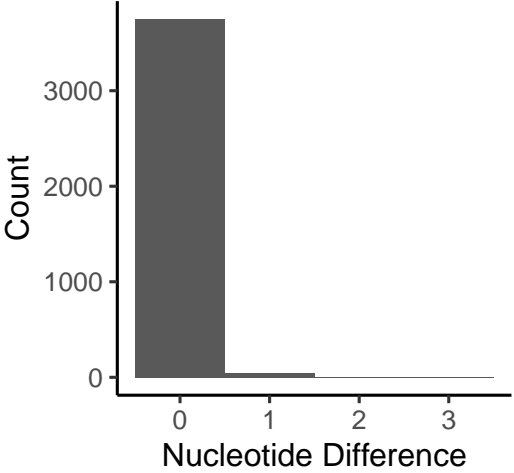
TRBV24-1\*ap01

1921 sequences assigned  
1894 (98.6%) exact matches, in which:  
1865 unique CDR3  
13 unique J



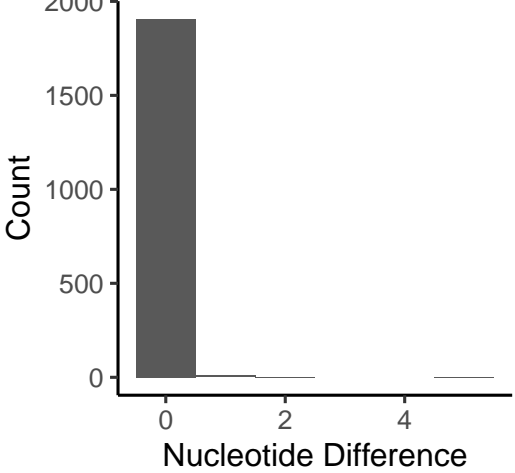
TRBV5-1\*ap01

3795 sequences assigned  
3750 (98.8%) exact matches, in which:  
3726 unique CDR3  
13 unique J



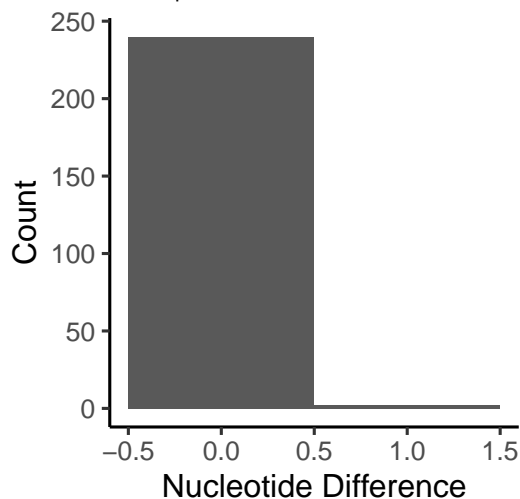
TRBV5-4\*ap01

1917 sequences assigned  
1906 (99.4%) exact matches, in which:  
1896 unique CDR3  
13 unique J



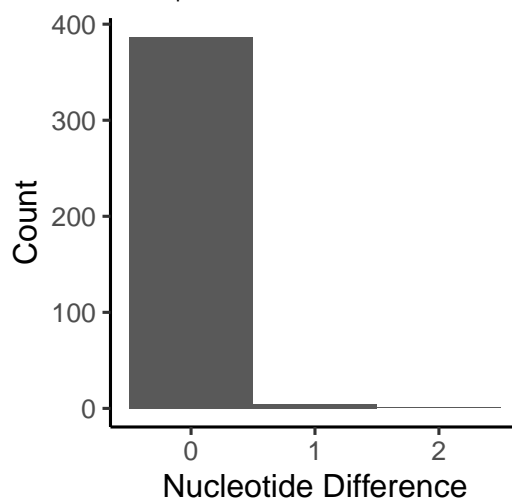
### TRBV5-5\*ap01

242 sequences assigned  
240 (99.2%) exact matches, in which:  
240 unique CDR3  
12 unique J



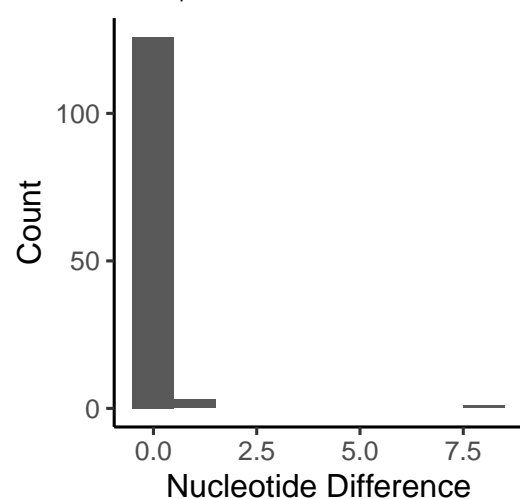
### TRBV5-8\*ap01

393 sequences assigned  
387 (98.5%) exact matches, in which:  
386 unique CDR3  
13 unique J



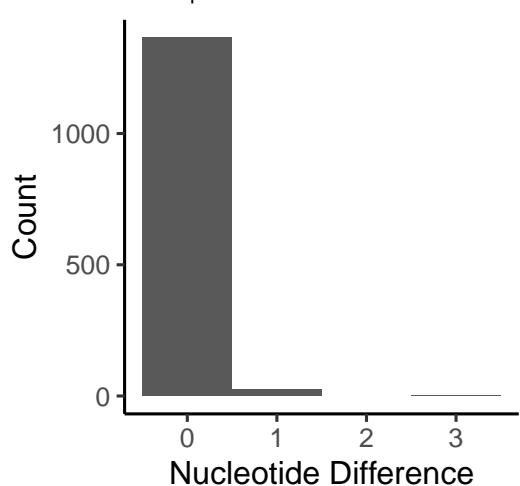
### TRBV6-7\*ap01

130 sequences assigned  
126 (96.9%) exact matches, in which:  
124 unique CDR3  
13 unique J



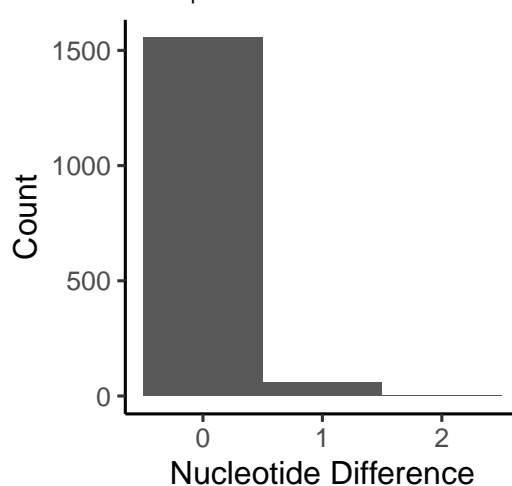
### TRBV5-6\*ap01

1390 sequences assigned  
1365 (98.2%) exact matches, in which:  
1351 unique CDR3  
13 unique J



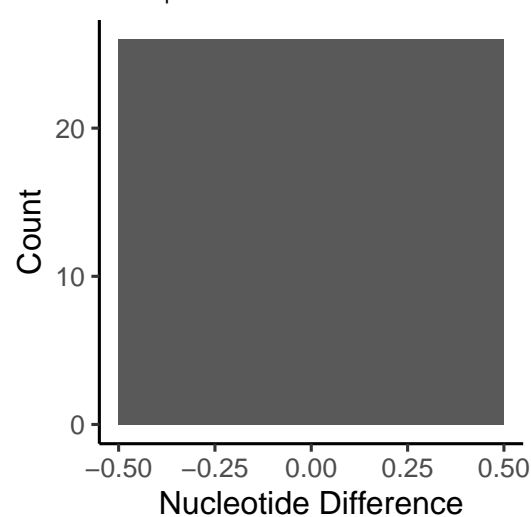
### TRBV6-1\*ap01

1614 sequences assigned  
1555 (96.3%) exact matches, in which:  
1530 unique CDR3  
13 unique J



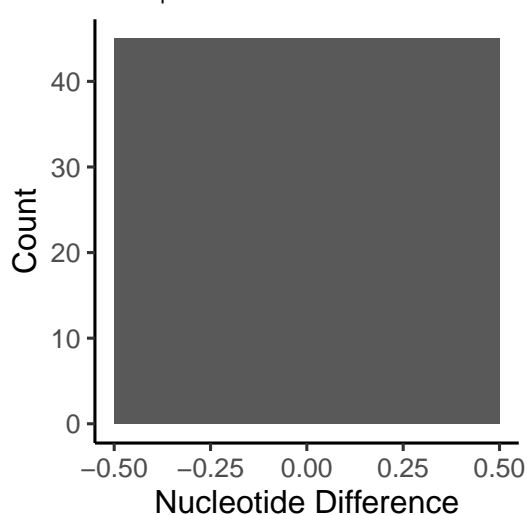
### TRBV6-8\*ap01

26 sequences assigned  
26 (100%) exact matches, in which:  
26 unique CDR3  
11 unique J



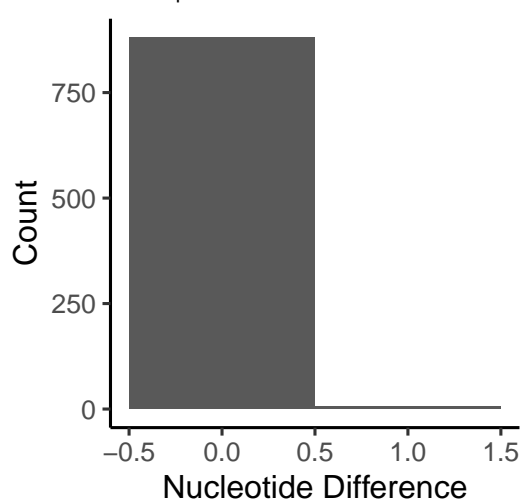
### TRBV5-7\*ap01

45 sequences assigned  
45 (100%) exact matches, in which:  
45 unique CDR3  
10 unique J



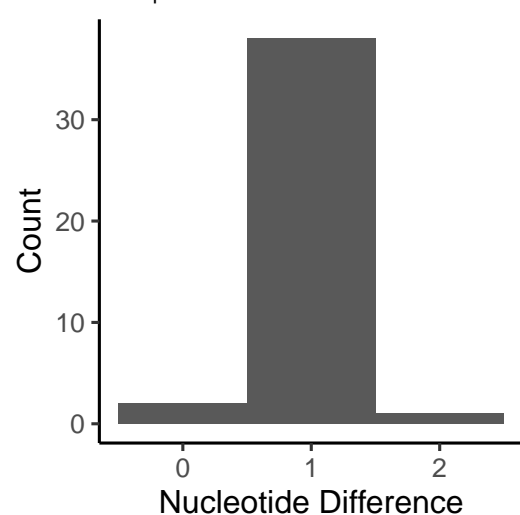
### TRBV6-4\*ap01

888 sequences assigned  
881 (99.2%) exact matches, in which:  
873 unique CDR3  
13 unique J



### TRBV6-9\*ap01

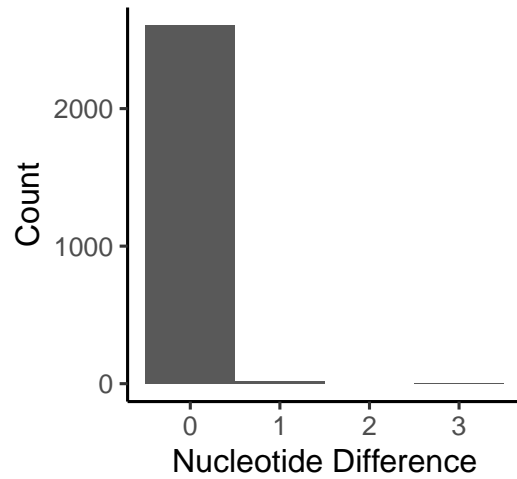
41 sequences assigned  
2 (4.9%) exact matches, in which:  
2 unique CDR3  
2 unique J





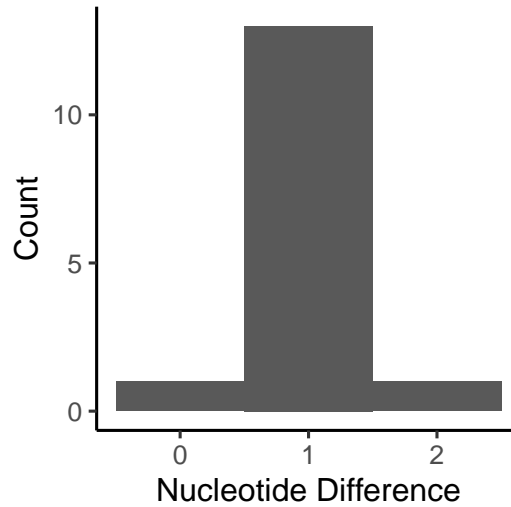
### TRBV6-23\*ap01

2621 sequences assigned  
2605 (99.4%) exact matches, in which:  
2578 unique CDR3  
13 unique J



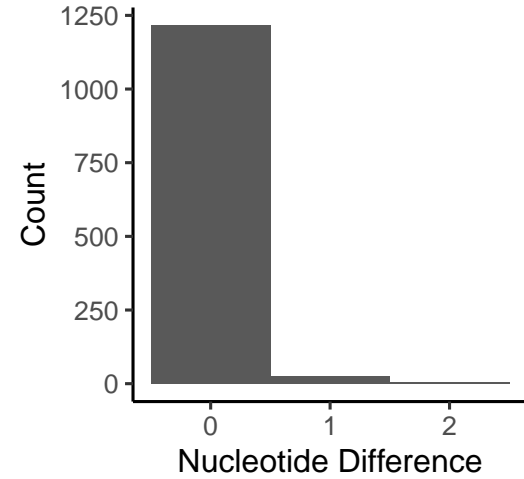
### TRBV7-1\*ap01\_T296C

15 sequences assigned  
1 (6.7%) exact matches, in which:  
1 unique CDR3  
1 unique J



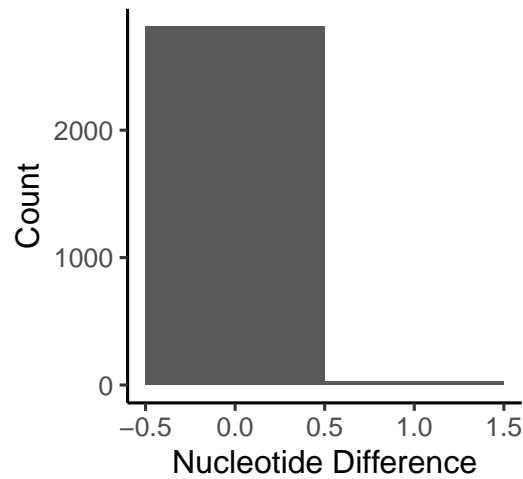
### TRBV7-3\*ap01

1247 sequences assigned  
1216 (97.5%) exact matches, in which:  
1208 unique CDR3  
13 unique J



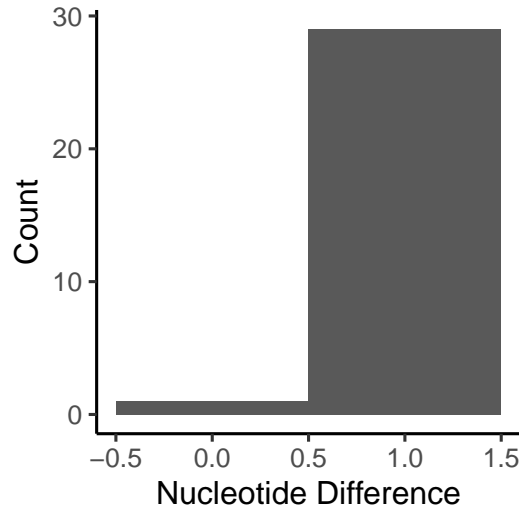
### TRBV6-56\*ap01

2838 sequences assigned  
2812 (99.1%) exact matches, in which:  
2774 unique CDR3  
13 unique J



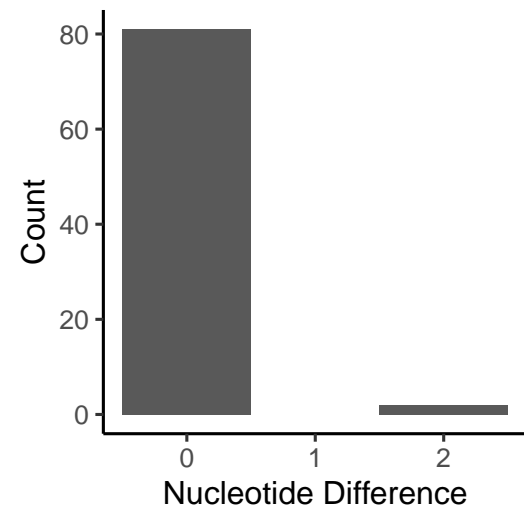
### TRBV7-1\*ap01\_T296C\_C

30 sequences assigned  
1 (3.3%) exact matches, in which:  
1 unique CDR3  
1 unique J



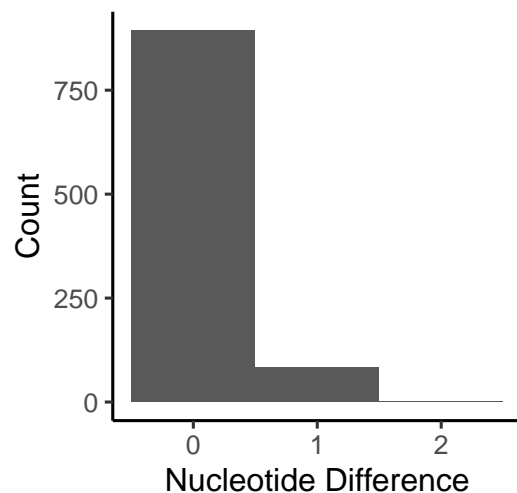
### TRBV7-4\*ap01

83 sequences assigned  
81 (97.6%) exact matches, in which:  
80 unique CDR3  
13 unique J



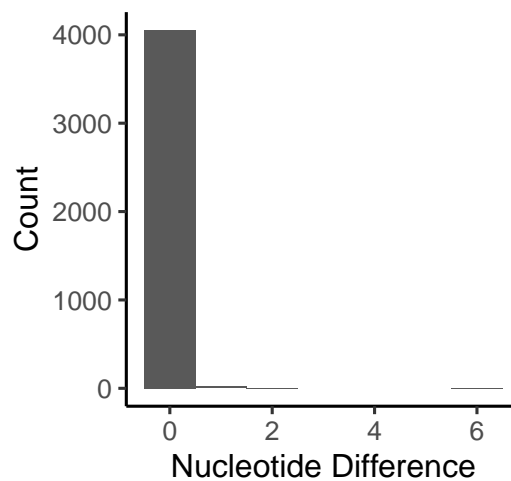
### TRBV6-56\*ap02

979 sequences assigned  
894 (91.3%) exact matches, in which:  
886 unique CDR3  
13 unique J



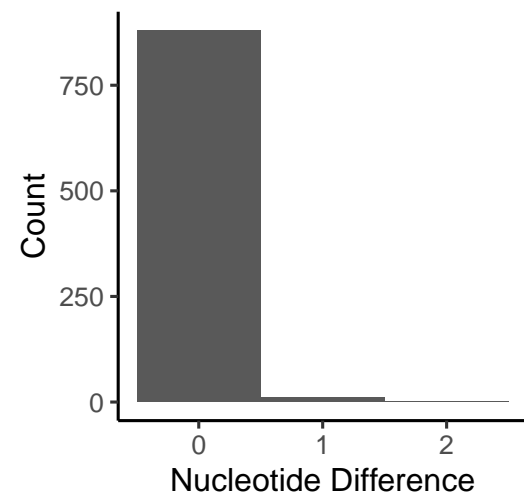
### TRBV7-2\*ap01

4078 sequences assigned  
4054 (99.4%) exact matches, in which:  
4033 unique CDR3  
13 unique J



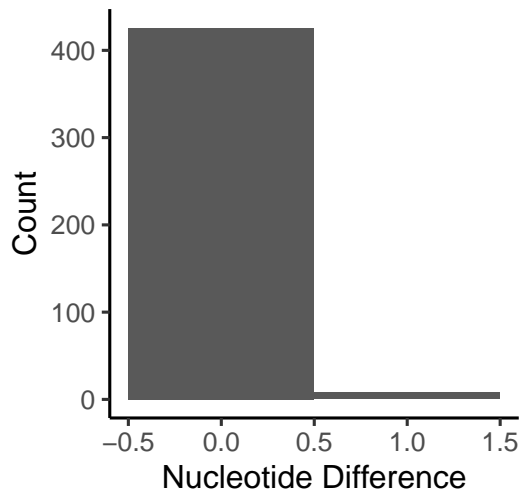
### TRBV7-6\*ap01

892 sequences assigned  
880 (98.7%) exact matches, in which:  
868 unique CDR3  
13 unique J



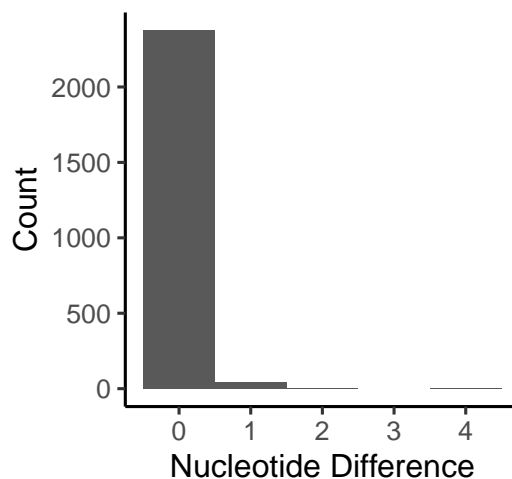
### TRBV7-7\*ap01

434 sequences assigned  
426 (98.2%) exact matches, in which:  
423 unique CDR3  
13 unique J



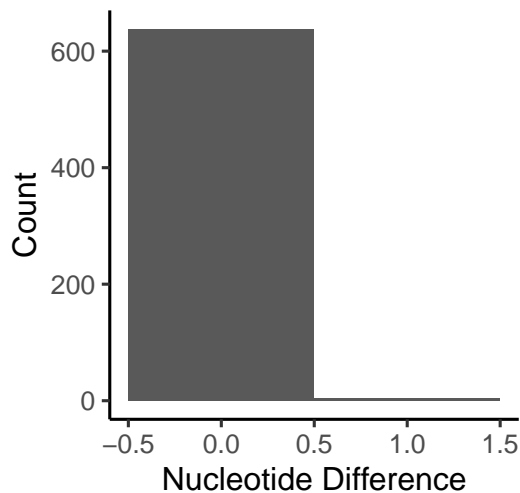
### TRBV7-9\*ap01

2421 sequences assigned  
2375 (98.1%) exact matches, in which:  
2361 unique CDR3  
13 unique J



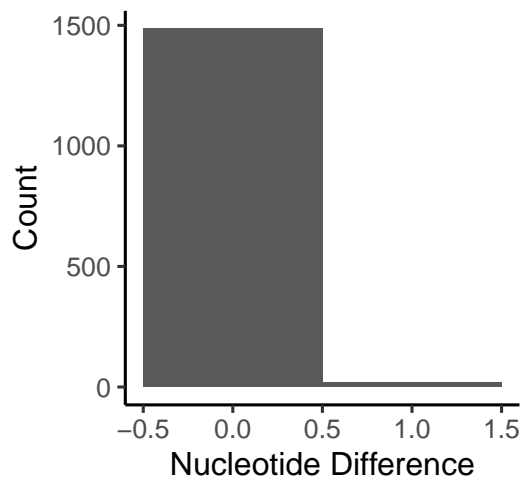
### TRBV7-8\*ap01

642 sequences assigned  
638 (99.4%) exact matches, in which:  
634 unique CDR3  
13 unique J



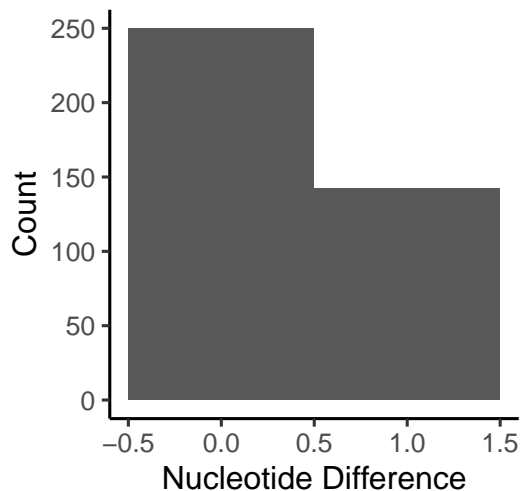
### TRBV29-1\*ap01

1505 sequences assigned  
1486 (98.7%) exact matches, in which:  
1450 unique CDR3  
13 unique J



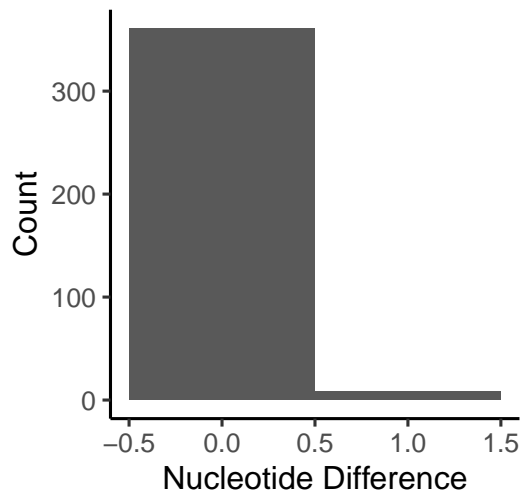
### TRBV7-8\*ap03

392 sequences assigned  
250 (63.8%) exact matches, in which:  
247 unique CDR3  
13 unique J

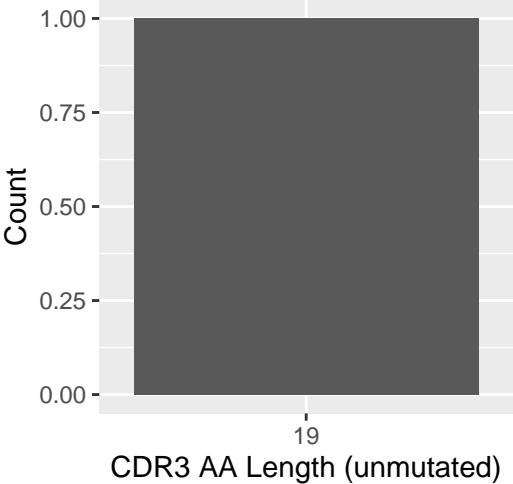


### TRBV29-1\*ap02

369 sequences assigned  
361 (97.8%) exact matches, in which:  
358 unique CDR3  
13 unique J



TRBV7-1\*ap01\_T296C\_C314T



TRBV7-1\*ap01\_T296C

