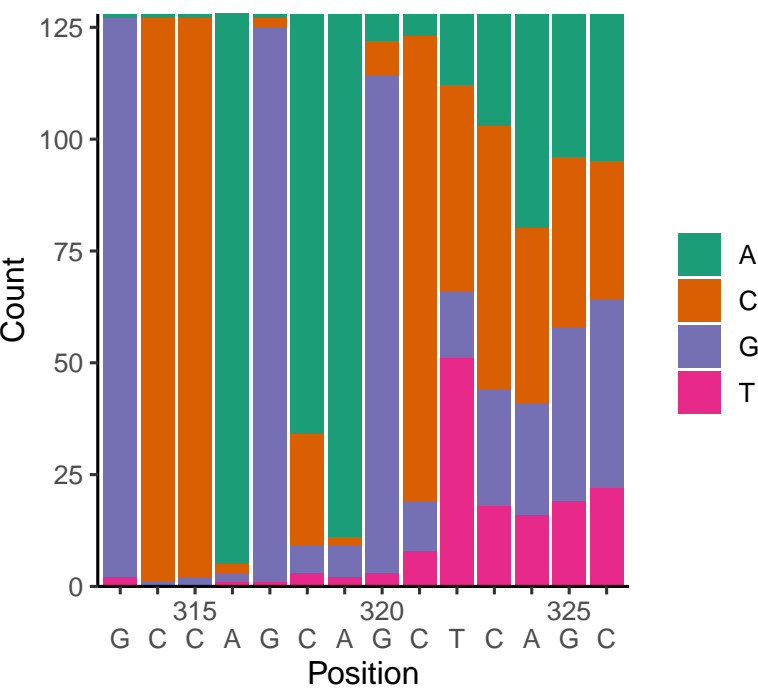
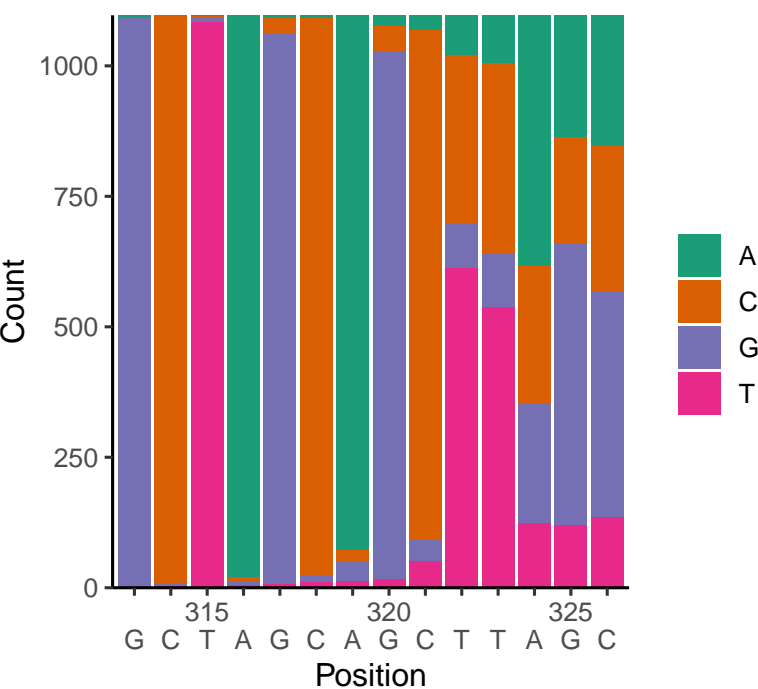


Gene TRBV7-1\*ap01\_T296C



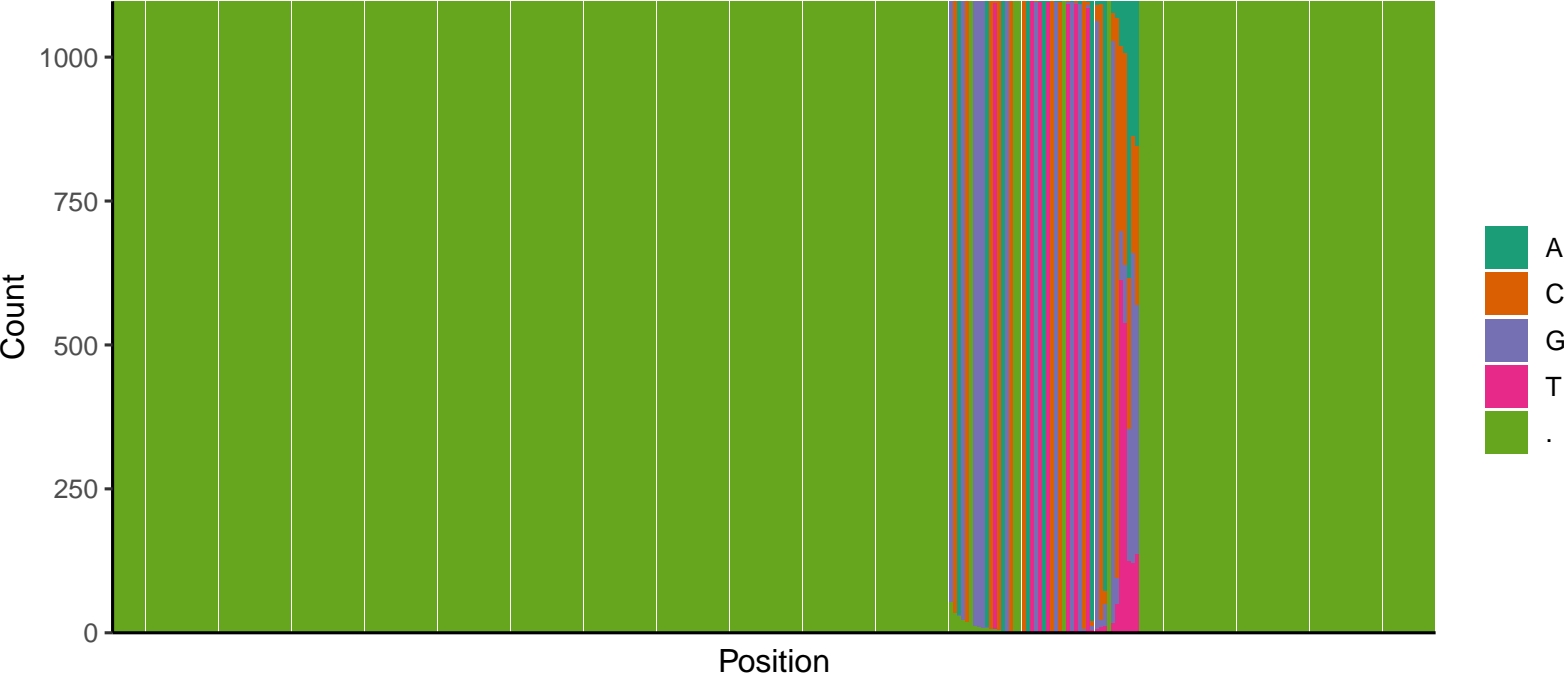
Gene TRBV7-7\*ap01\_C315T



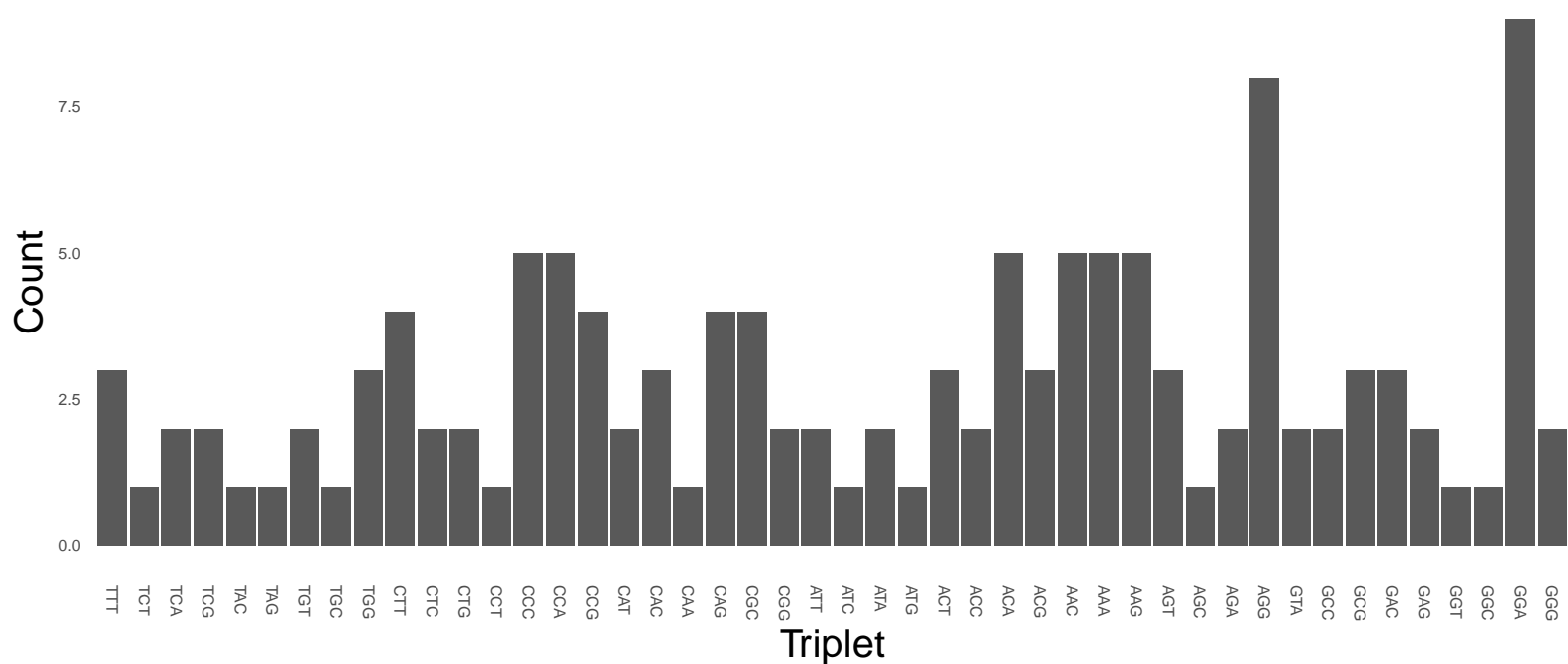
Gene TRBV7-1\*ap01\_T296C



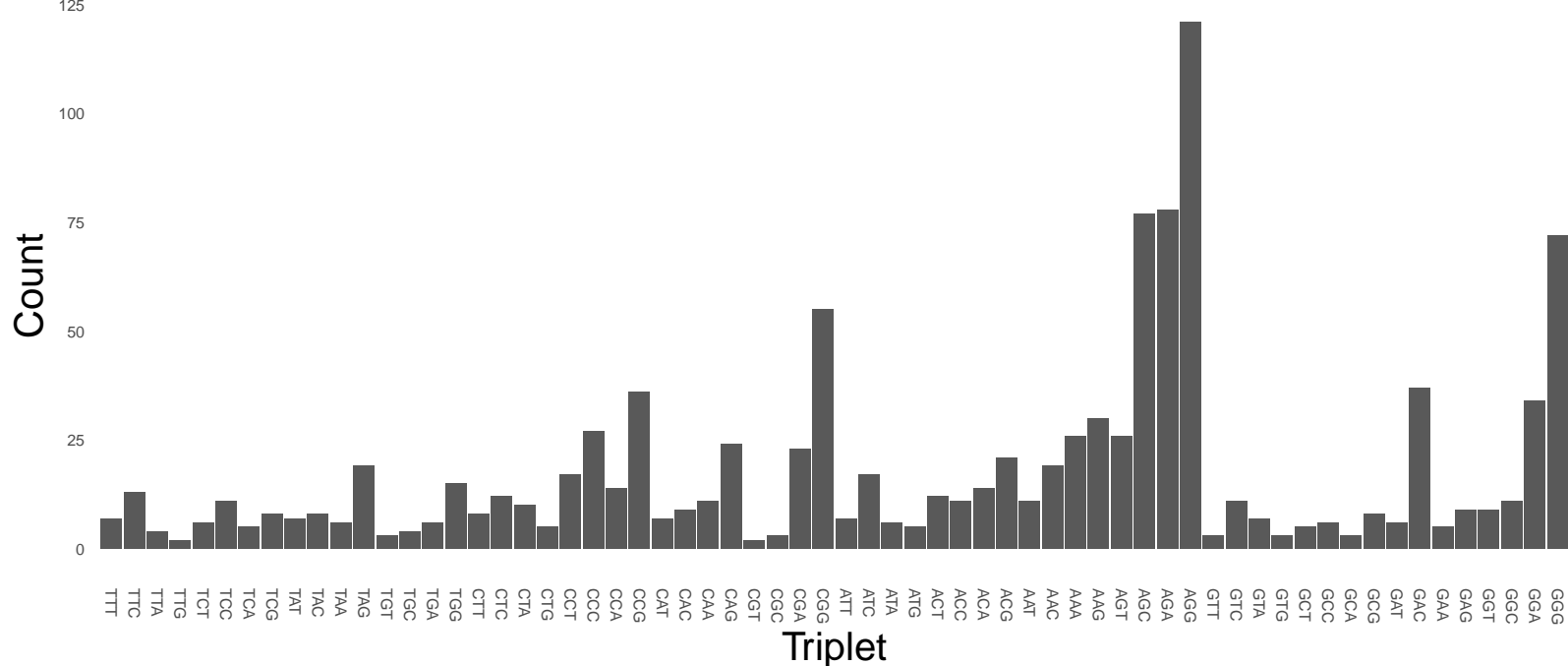
Gene TRBV7-7\*ap01\_C315T



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

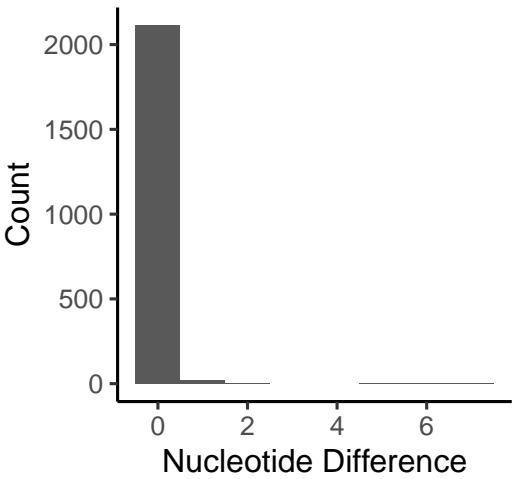


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



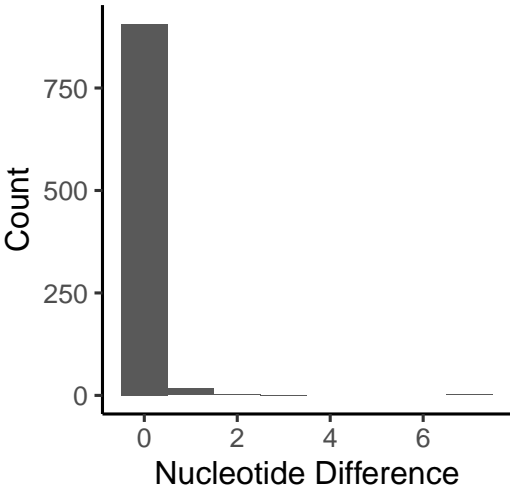
TRBV10-1\*ap01

2140 sequences assigned  
2113 (98.7%) exact matches, in which:  
2060 unique CDR3  
14 unique J



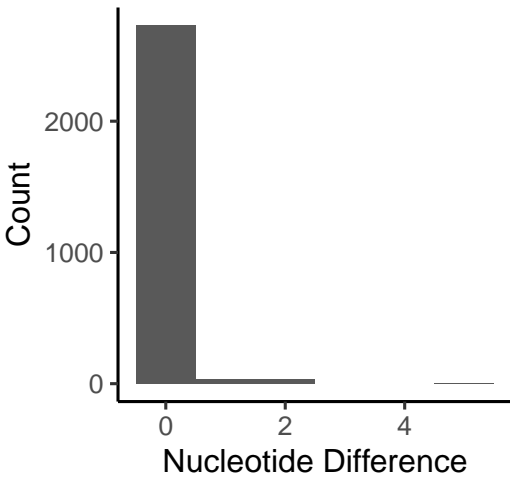
TRBV10-2\*ap01

929 sequences assigned  
907 (97.6%) exact matches, in which:  
891 unique CDR3  
14 unique J



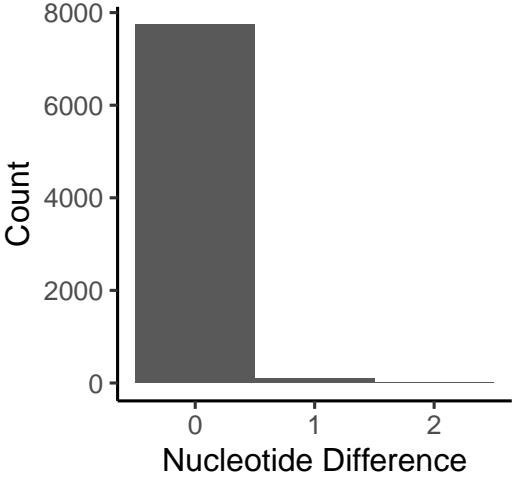
TRBV13\*ap01

2801 sequences assigned  
2730 (97.5%) exact matches, in which:  
2680 unique CDR3  
14 unique J



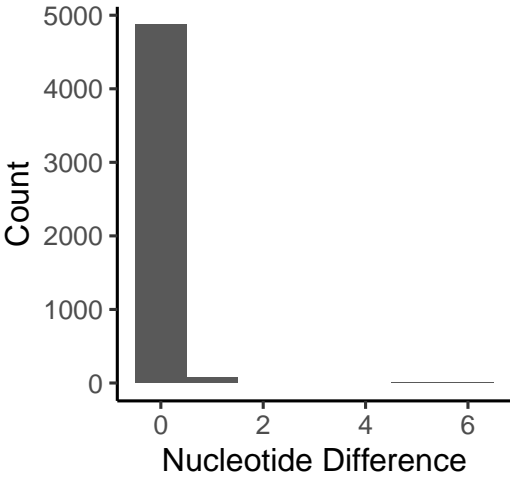
TRBV20-1\*ap01

7835 sequences assigned  
7738 (98.8%) exact matches, in which:  
7607 unique CDR3  
14 unique J



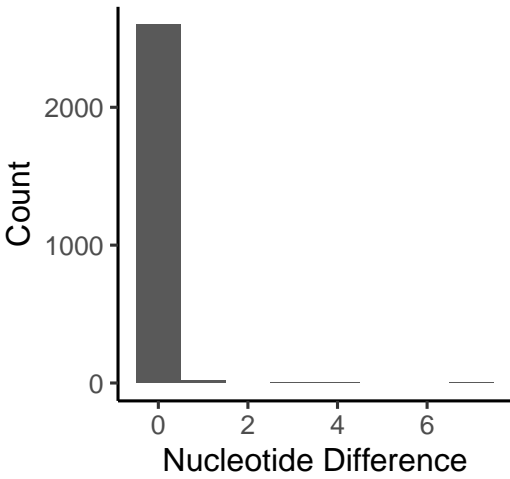
TRBV10-3\*ap01

4948 sequences assigned  
4871 (98.4%) exact matches, in which:  
4795 unique CDR3  
14 unique J



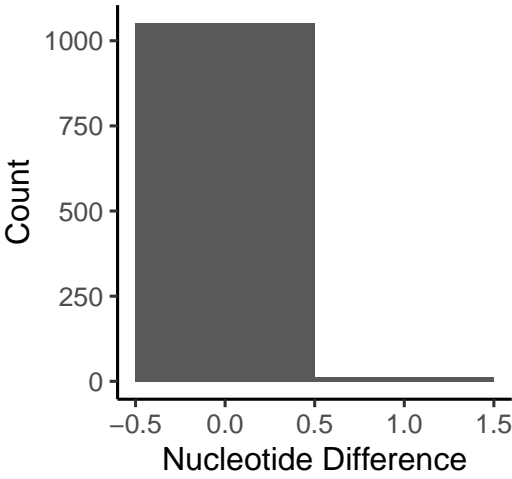
TRBV14\*ap01

2620 sequences assigned  
2599 (99.2%) exact matches, in which:  
2564 unique CDR3  
14 unique J



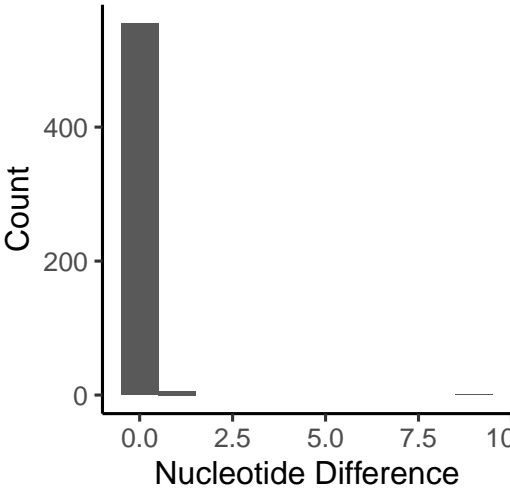
TRBV20-1\*ap02

1065 sequences assigned  
1052 (98.8%) exact matches, in which:  
1037 unique CDR3  
14 unique J



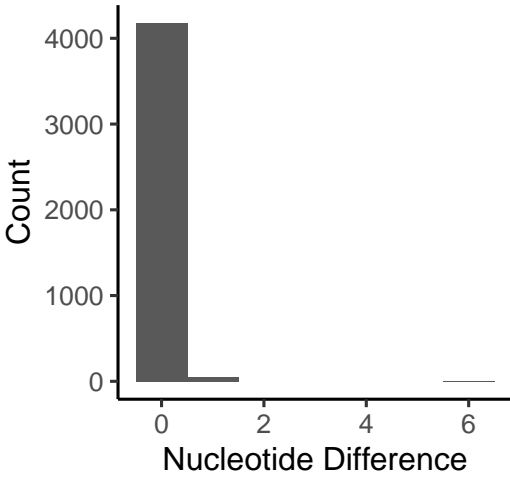
TRBV1\*ap01

562 sequences assigned  
555 (98.8%) exact matches, in which:  
543 unique CDR3  
14 unique J



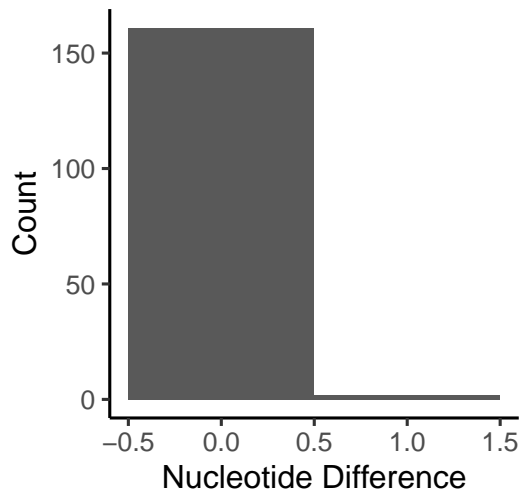
TRBV15\*ap02

4228 sequences assigned  
4178 (98.8%) exact matches, in which:  
4110 unique CDR3  
14 unique J



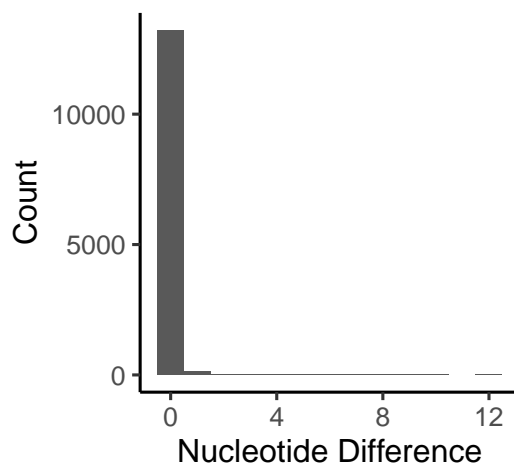
### TRBV16\*ap01

163 sequences assigned  
161 (98.8%) exact matches, in which:  
160 unique CDR3  
14 unique J



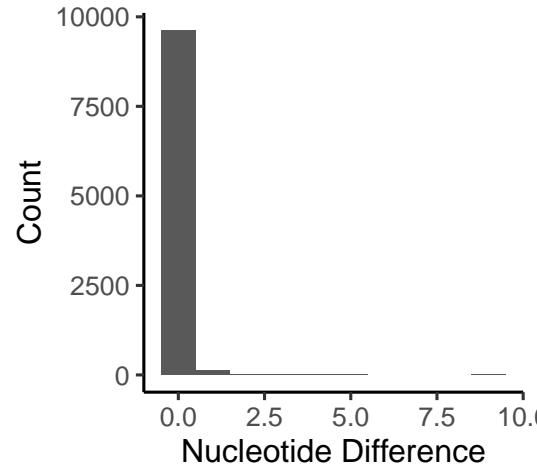
### TRBV19\*ap01

13357 sequences assigned  
13222 (99%) exact matches, in which:  
13123 unique CDR3  
14 unique J



### TRBV27\*ap01

9780 sequences assigned  
9628 (98.4%) exact matches, in which:  
9443 unique CDR3  
14 unique J



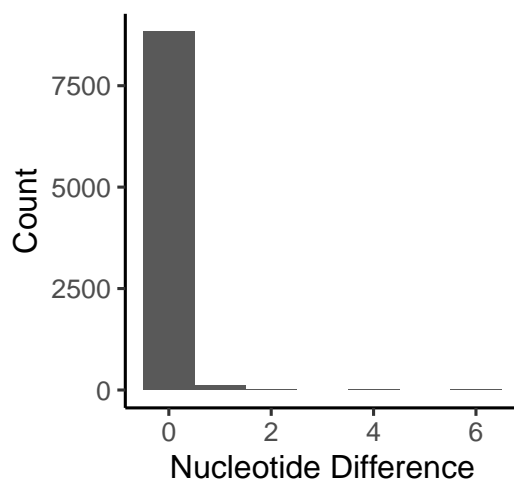
### TRBV17\*ap01

1 sequences assigned  
1 (100%) exact matches, in which:  
1 unique CDR3  
1 unique J



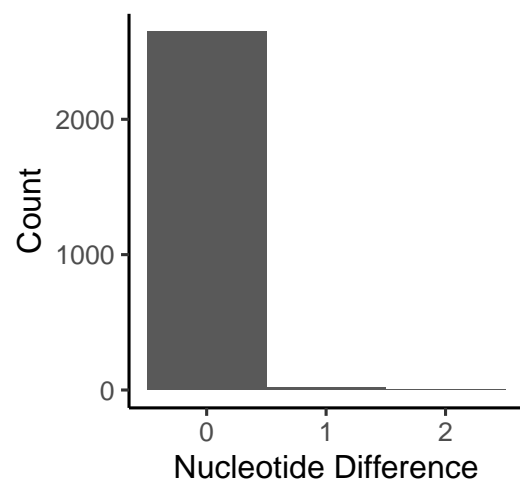
### TRBV2\*ap01

8944 sequences assigned  
8830 (98.7%) exact matches, in which:  
8664 unique CDR3  
14 unique J



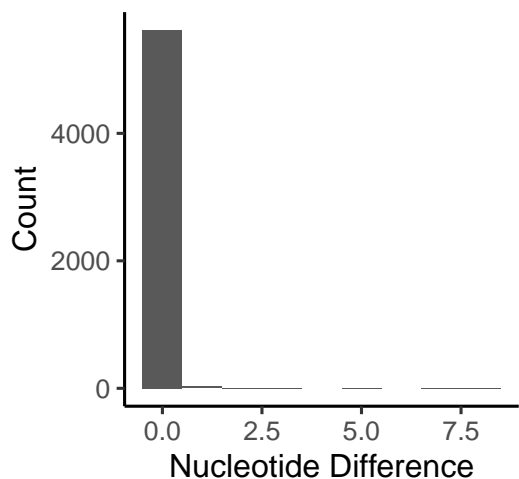
### TRBV28\*ap01

2670 sequences assigned  
2647 (99.1%) exact matches, in which:  
2598 unique CDR3  
14 unique J



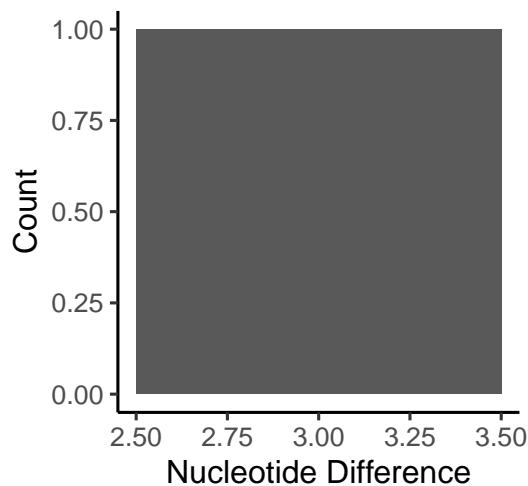
### TRBV18\*ap01

5655 sequences assigned  
5621 (99.4%) exact matches, in which:  
5555 unique CDR3  
14 unique J



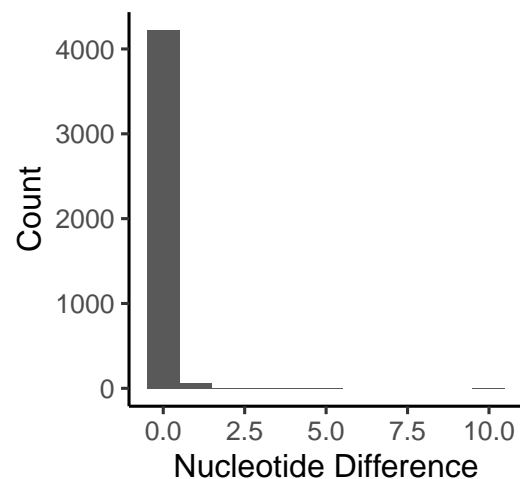
### TRBV26\*ap01

1 sequences assigned  
No exact matches.



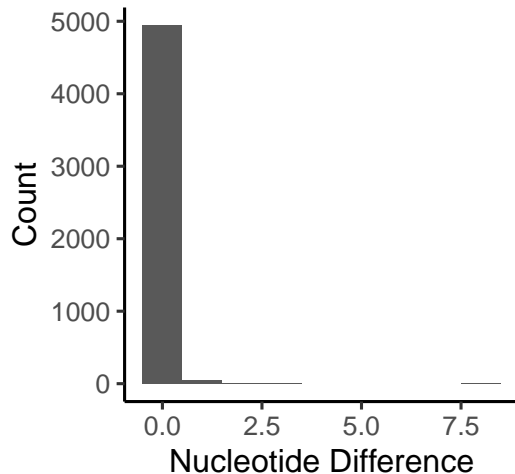
### TRBV30\*ap01

4297 sequences assigned  
4223 (98.3%) exact matches, in which:  
4163 unique CDR3  
14 unique J



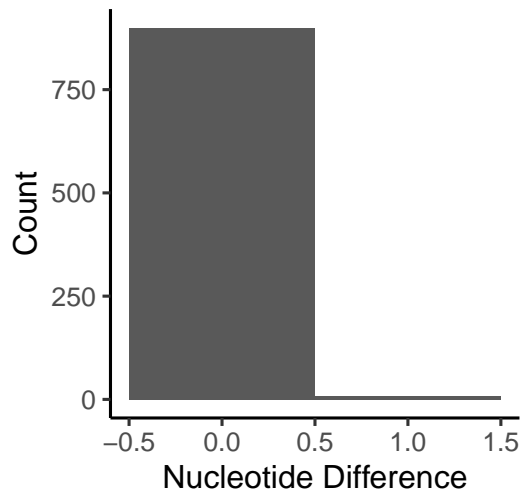
### TRBV30\*ap02

5001 sequences assigned  
4943 (98.8%) exact matches, in which:  
4874 unique CDR3  
14 unique J



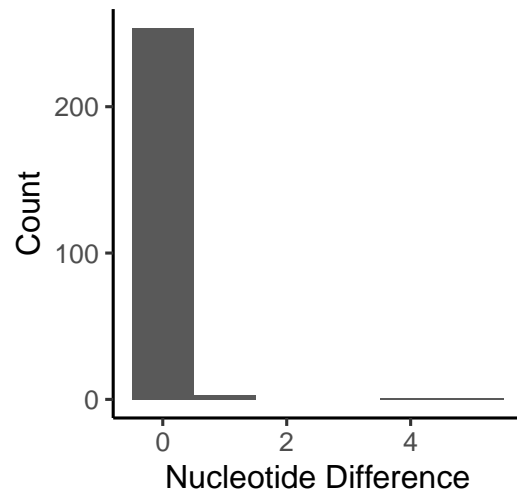
### TRBV11-1\*ap01

908 sequences assigned  
900 (99.1%) exact matches, in which:  
885 unique CDR3  
14 unique J



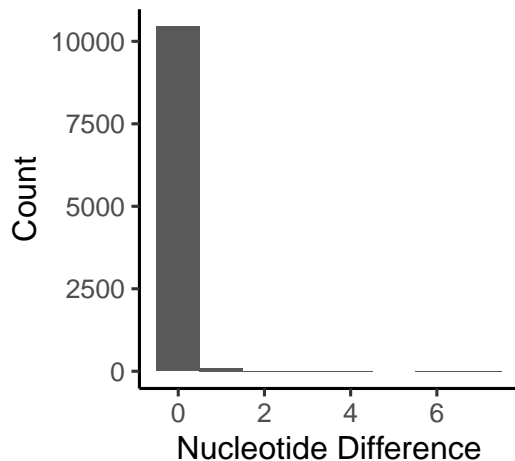
### TRBV12-1\*ap01

259 sequences assigned  
254 (98.1%) exact matches, in which:  
252 unique CDR3  
14 unique J



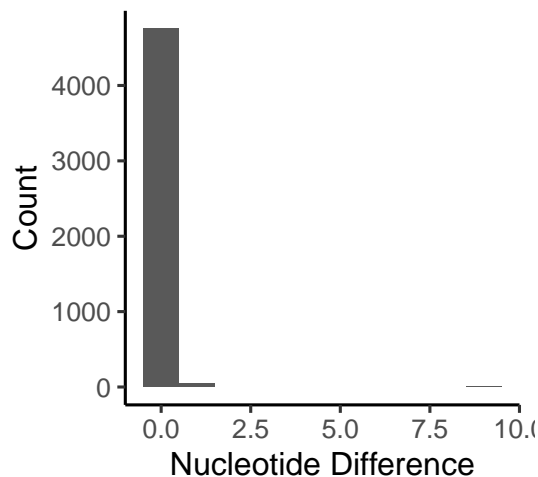
### TRBV9\*ap01

10566 sequences assigned  
10450 (98.9%) exact matches, in which:  
10308 unique CDR3  
14 unique J



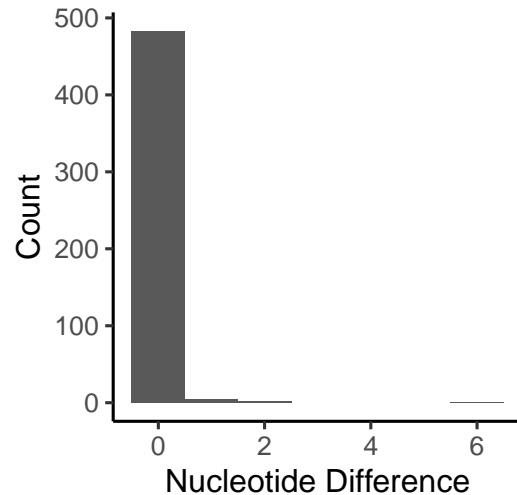
### TRBV11-2\*ap01

4798 sequences assigned  
4753 (99.1%) exact matches, in which:  
4685 unique CDR3  
14 unique J



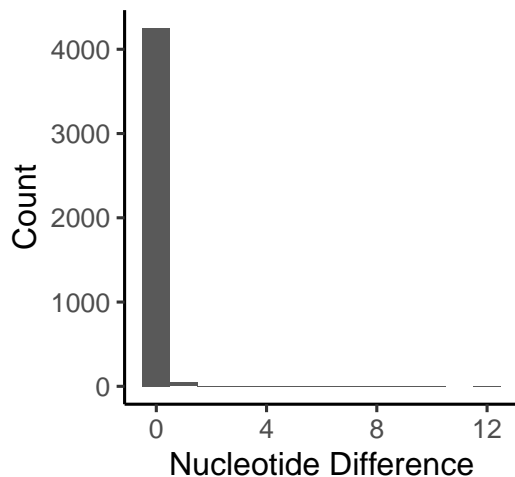
### TRBV12-2\*ap01

490 sequences assigned  
483 (98.6%) exact matches, in which:  
476 unique CDR3  
14 unique J



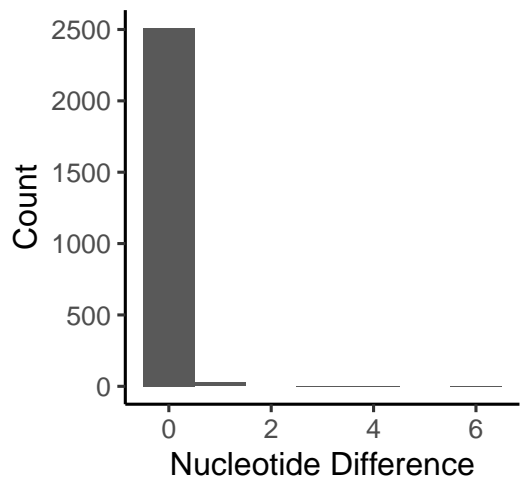
### TRBV21-1\*ap01

4320 sequences assigned  
4252 (98.4%) exact matches, in which:  
4188 unique CDR3  
14 unique J



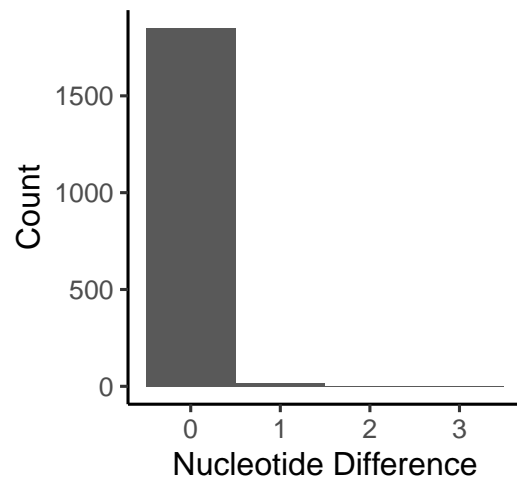
### TRBV11-3\*ap01

2541 sequences assigned  
2510 (98.8%) exact matches, in which:  
2480 unique CDR3  
14 unique J



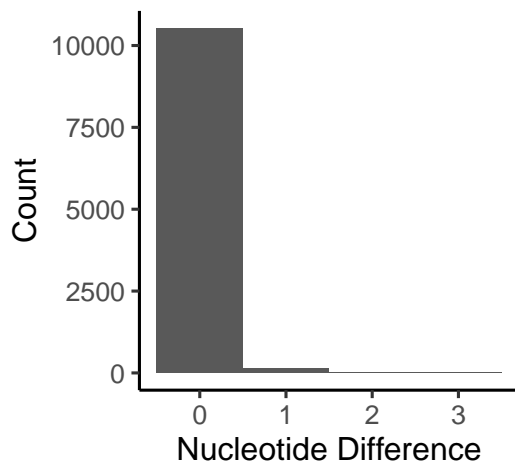
### TRBV12-5\*ap01

1872 sequences assigned  
1850 (98.8%) exact matches, in which:  
1810 unique CDR3  
14 unique J



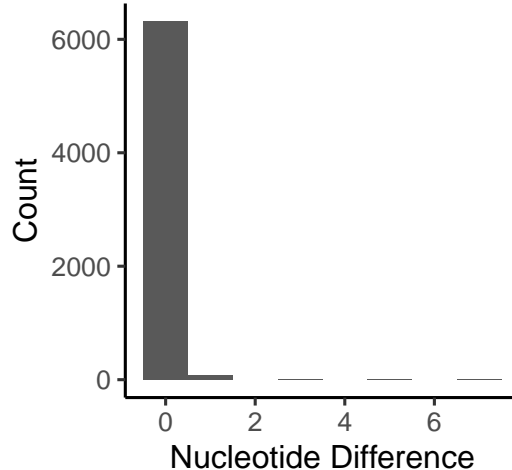
### TRBV12-34\*ap01

10660 sequences assigned  
10530 (98.8%) exact matches, in which:  
10376 unique CDR3  
14 unique J



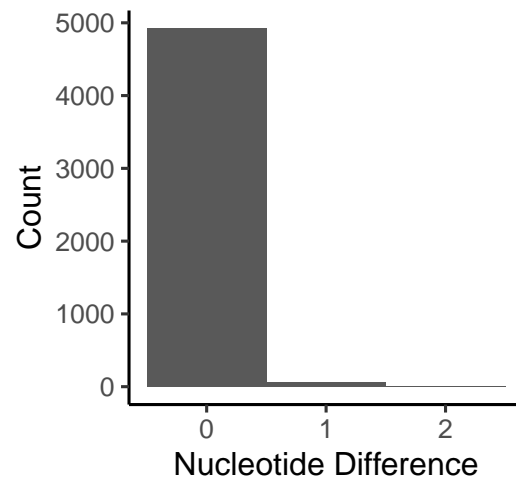
### TRBV4-1\*ap01

6395 sequences assigned  
6316 (98.8%) exact matches, in which:  
6222 unique CDR3  
14 unique J



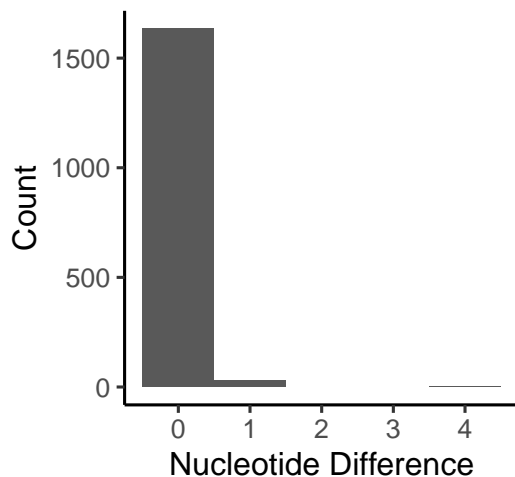
### TRBV4-3\*ap01

4988 sequences assigned  
4923 (98.7%) exact matches, in which:  
4815 unique CDR3  
14 unique J



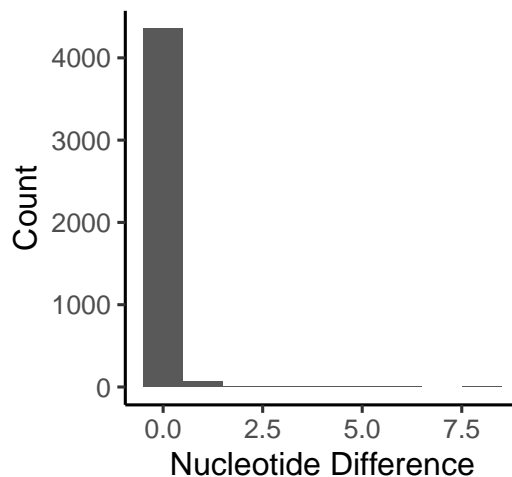
### TRBV23-1\*ap01

1663 sequences assigned  
1634 (98.3%) exact matches, in which:  
1611 unique CDR3  
15 unique J



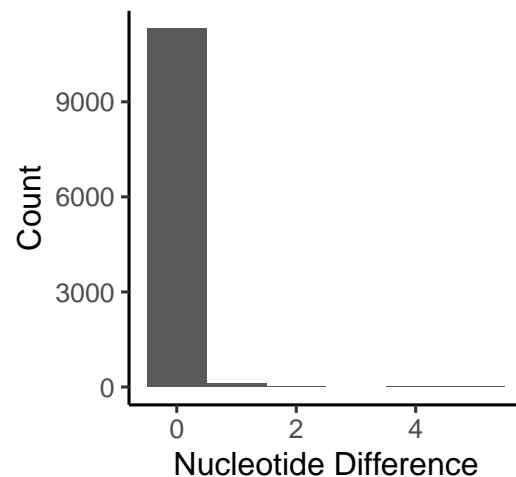
### TRBV24-1\*ap01

4426 sequences assigned  
4354 (98.4%) exact matches, in which:  
4314 unique CDR3  
14 unique J



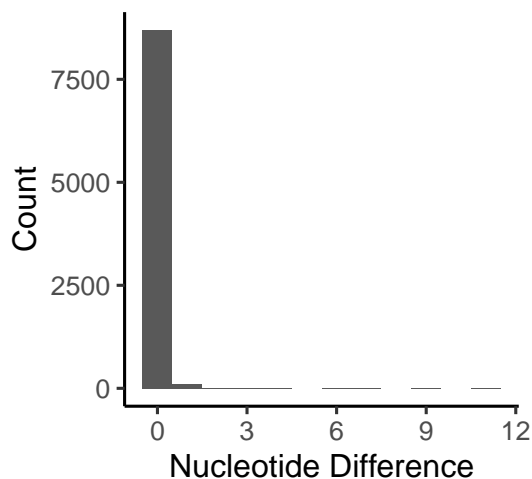
### TRBV5-1\*ap01

11428 sequences assigned  
11306 (98.9%) exact matches, in which:  
11056 unique CDR3  
14 unique J



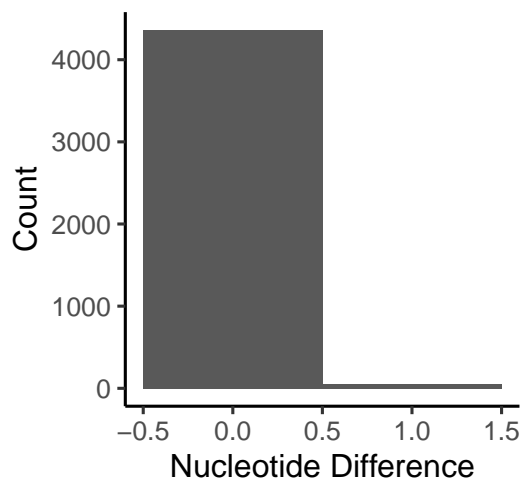
### TRBV3-12\*ap01

8819 sequences assigned  
8696 (98.6%) exact matches, in which:  
8551 unique CDR3  
14 unique J



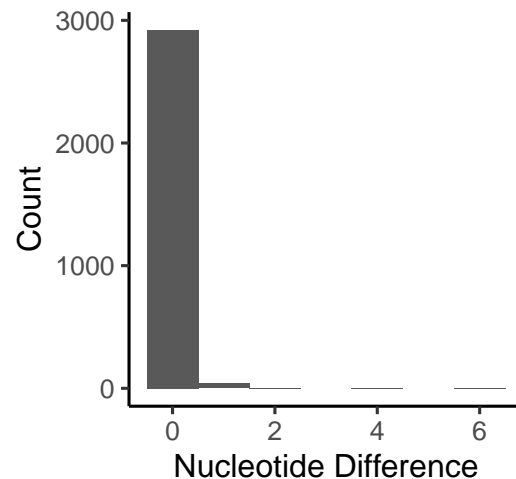
### TRBV4-2\*ap01

4417 sequences assigned  
4361 (98.7%) exact matches, in which:  
4285 unique CDR3  
14 unique J



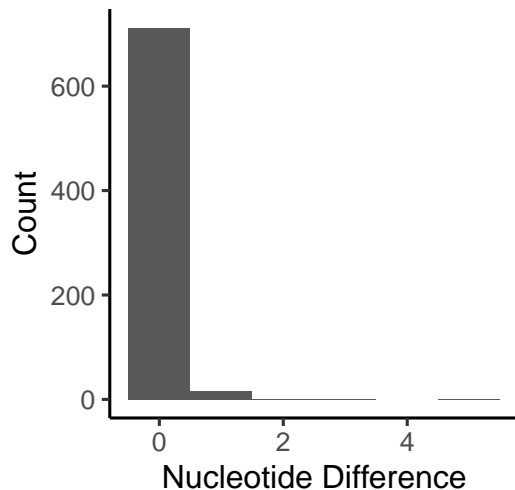
### TRBV25-1\*ap01

2967 sequences assigned  
2921 (98.4%) exact matches, in which:  
2880 unique CDR3  
14 unique J



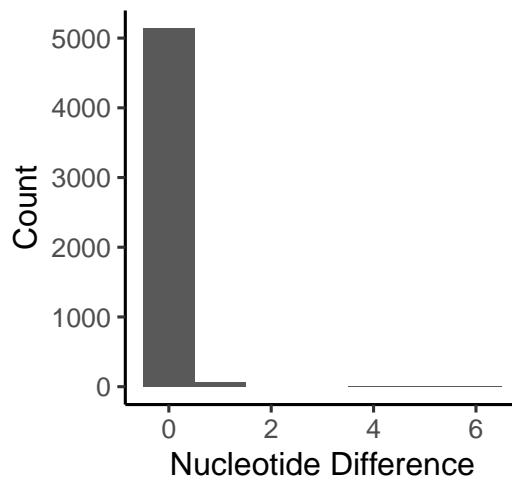
### TRBV5-3\*ap01

731 sequences assigned  
712 (97.4%) exact matches, in which:  
702 unique CDR3  
14 unique J



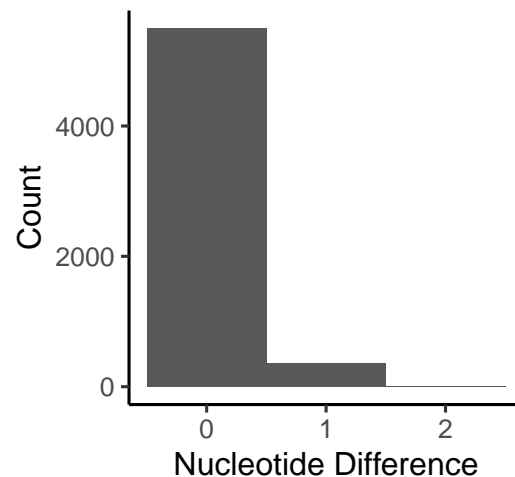
### TRBV5-6\*ap01

5203 sequences assigned  
5139 (98.8%) exact matches, in which:  
5026 unique CDR3  
14 unique J



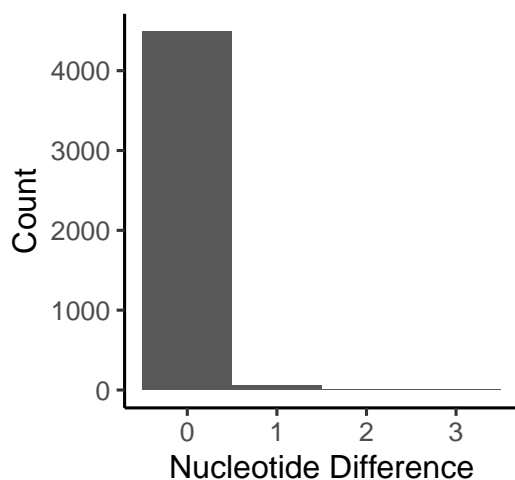
### TRBV6-1\*ap01

5857 sequences assigned  
5497 (93.9%) exact matches, in which:  
5362 unique CDR3  
14 unique J



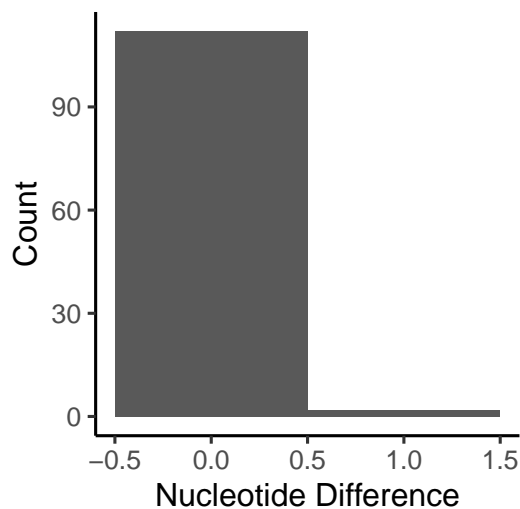
### TRBV5-4\*ap01

4544 sequences assigned  
4488 (98.8%) exact matches, in which:  
4406 unique CDR3  
14 unique J



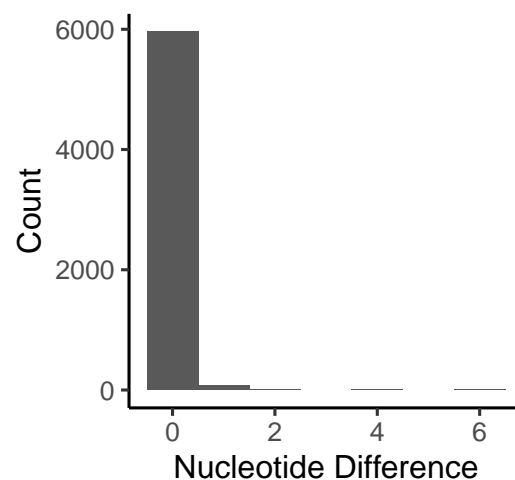
### TRBV5-7\*ap01

114 sequences assigned  
112 (98.2%) exact matches, in which:  
110 unique CDR3  
14 unique J



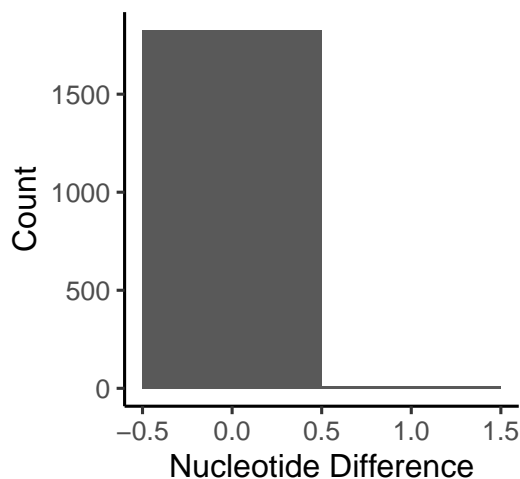
### TRBV6-4\*ap01

6040 sequences assigned  
5959 (98.7%) exact matches, in which:  
5898 unique CDR3  
14 unique J



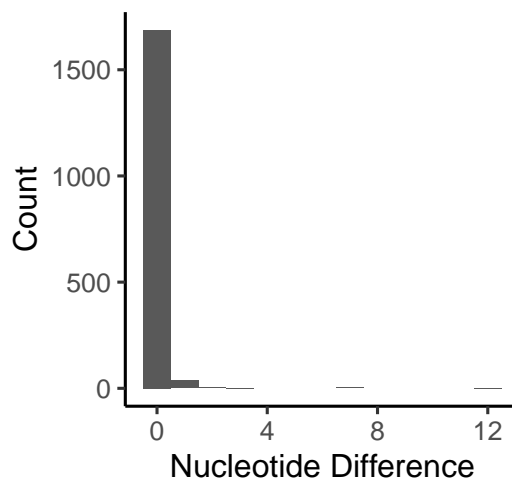
### TRBV5-5\*ap01

1839 sequences assigned  
1827 (99.3%) exact matches, in which:  
1811 unique CDR3  
14 unique J



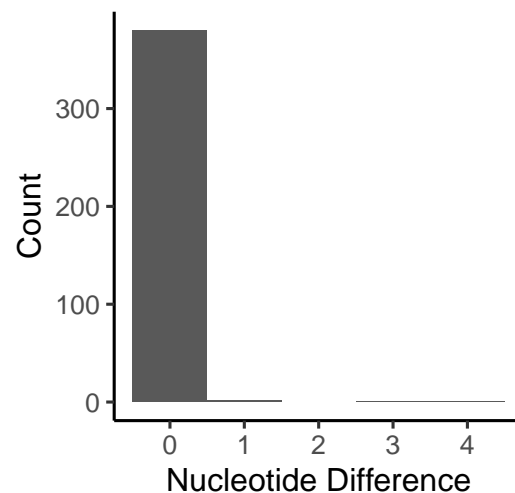
### TRBV5-8\*ap01

1732 sequences assigned  
1687 (97.4%) exact matches, in which:  
1662 unique CDR3  
14 unique J



### TRBV6-7\*ap01

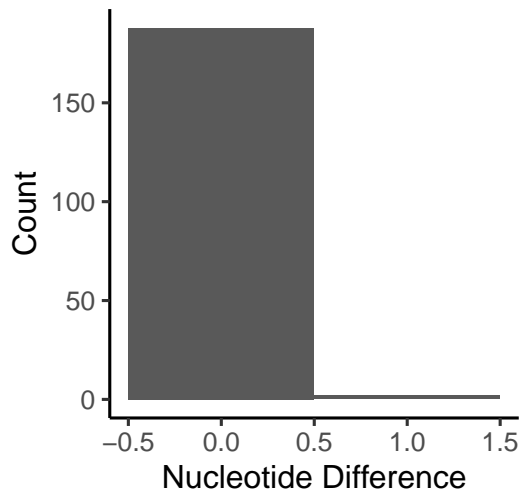
384 sequences assigned  
380 (99%) exact matches, in which:  
366 unique CDR3  
14 unique J





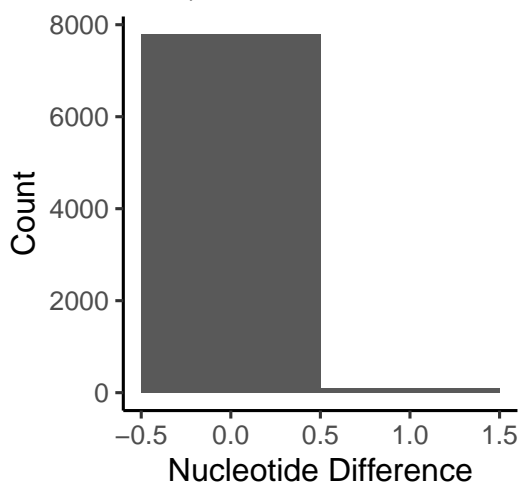
### TRBV6-8\*ap01

190 sequences assigned  
188 (98.9%) exact matches, in which:  
185 unique CDR3  
14 unique J



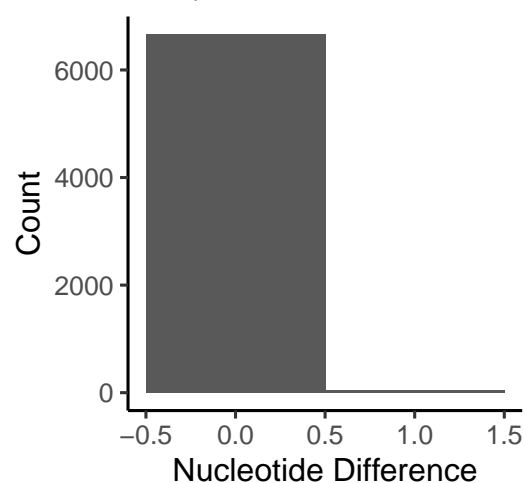
### TRBV6-56\*ap01

7883 sequences assigned  
7789 (98.8%) exact matches, in which:  
7629 unique CDR3  
14 unique J



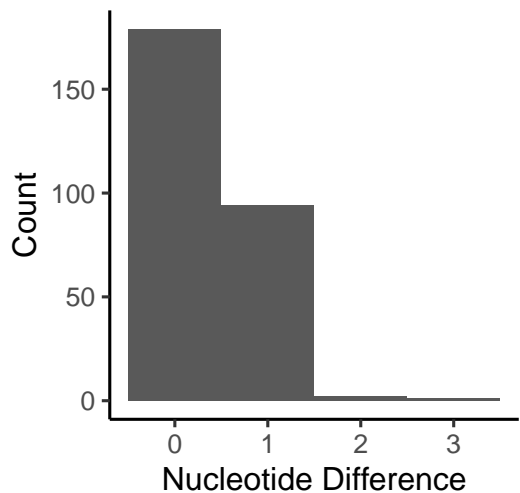
### TRBV7-2\*ap01

6707 sequences assigned  
6661 (99.3%) exact matches, in which:  
6564 unique CDR3  
14 unique J



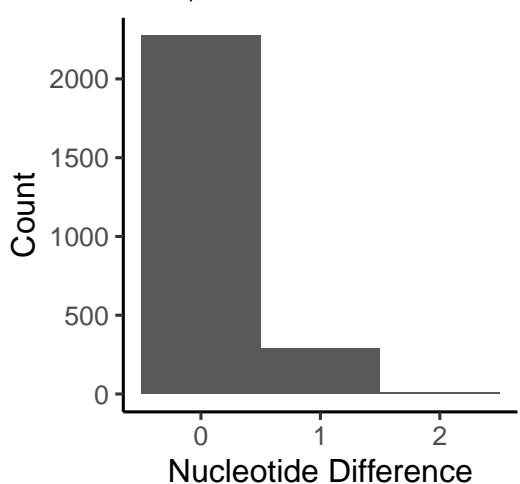
### TRBV6-9\*ap01

276 sequences assigned  
179 (64.9%) exact matches, in which:  
178 unique CDR3  
14 unique J



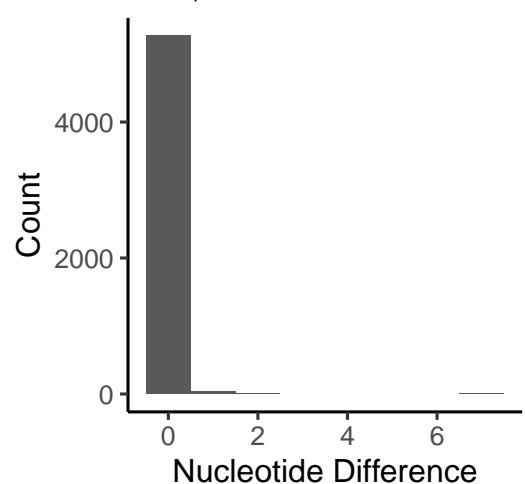
### TRBV6-56\*ap02

2569 sequences assigned  
2274 (88.5%) exact matches, in which:  
2230 unique CDR3  
14 unique J



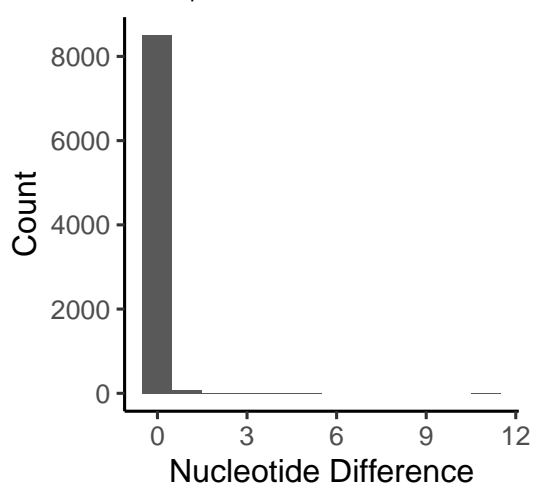
### TRBV7-3\*ap01

5306 sequences assigned  
5269 (99.3%) exact matches, in which:  
5187 unique CDR3  
14 unique J



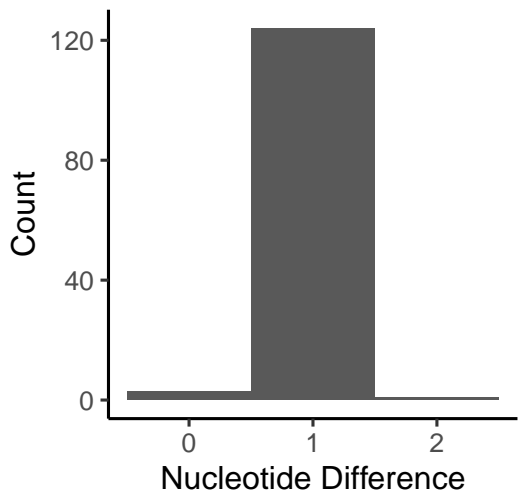
### TRBV6-23\*ap01

8599 sequences assigned  
8507 (98.9%) exact matches, in which:  
8313 unique CDR3  
14 unique J



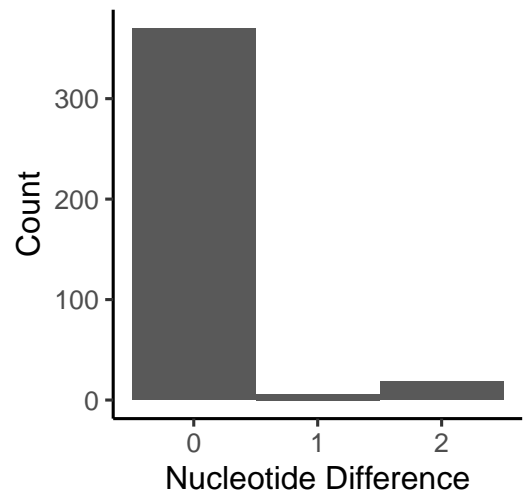
### TRBV7-1\*ap01\_T296C

128 sequences assigned  
3 (2.3%) exact matches, in which:  
3 unique CDR3  
3 unique J



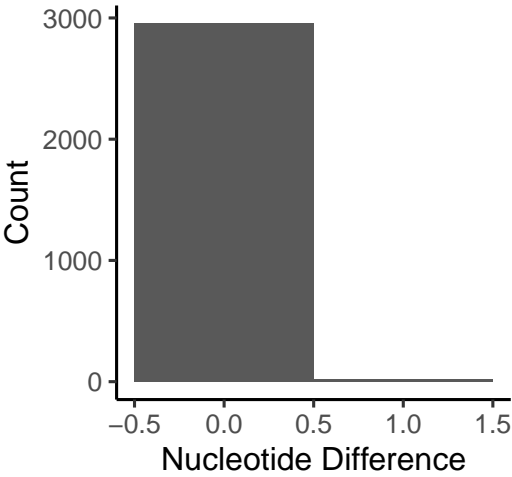
### TRBV7-4\*ap01

394 sequences assigned  
370 (93.9%) exact matches, in which:  
362 unique CDR3  
14 unique J



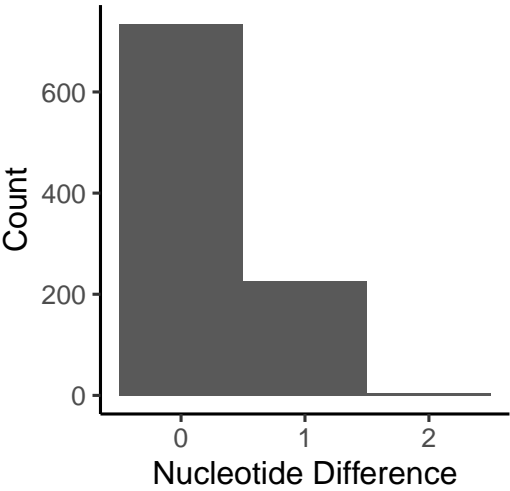
TRBV7-6\*ap01

2974 sequences assigned  
2955 (99.4%) exact matches, in which:  
2915 unique CDR3  
14 unique J



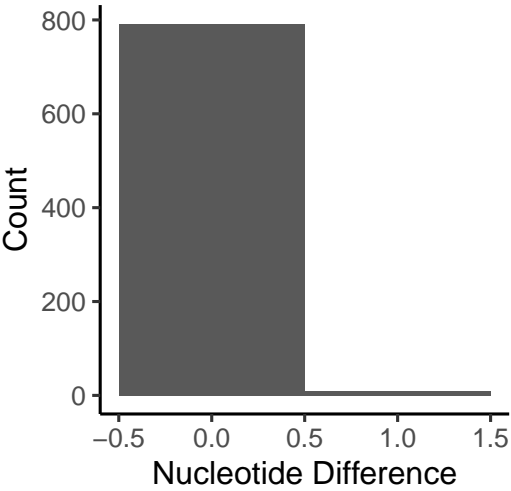
TRBV7-8\*ap03

966 sequences assigned  
735 (76.1%) exact matches, in which:  
720 unique CDR3  
14 unique J



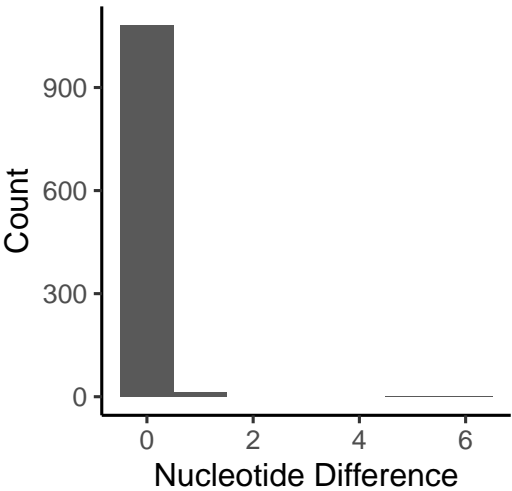
TRBV29-1\*ap02

802 sequences assigned  
792 (98.8%) exact matches, in which:  
781 unique CDR3  
14 unique J



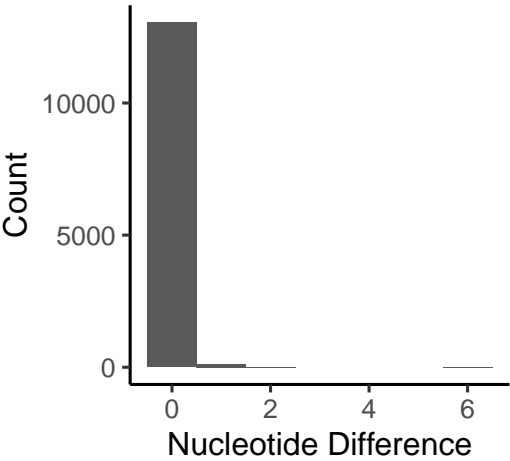
TRBV7-7\*ap01\_C315T

1097 sequences assigned  
1082 (98.6%) exact matches, in which:  
1061 unique CDR3  
14 unique J



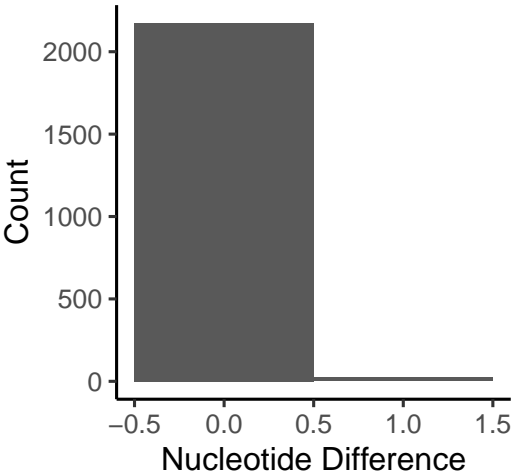
TRBV7-9\*ap01

13169 sequences assigned  
13048 (99.1%) exact matches, in which:  
12859 unique CDR3  
14 unique J



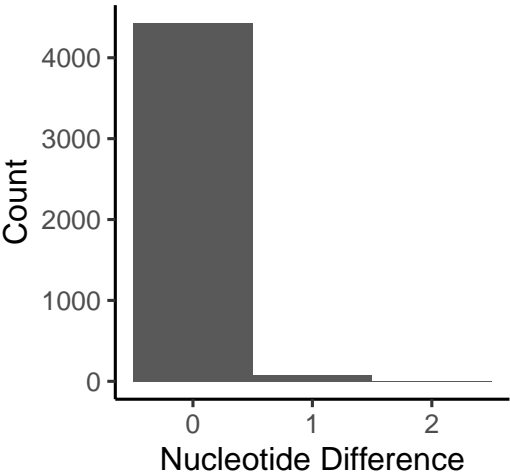
TRBV7-8\*ap01

2198 sequences assigned  
2174 (98.9%) exact matches, in which:  
2126 unique CDR3  
14 unique J

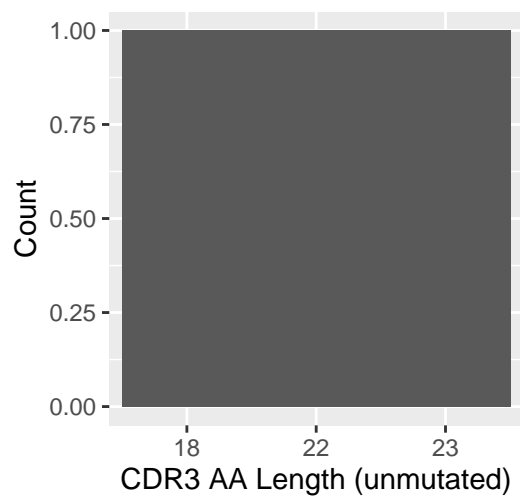


TRBV29-1\*ap01

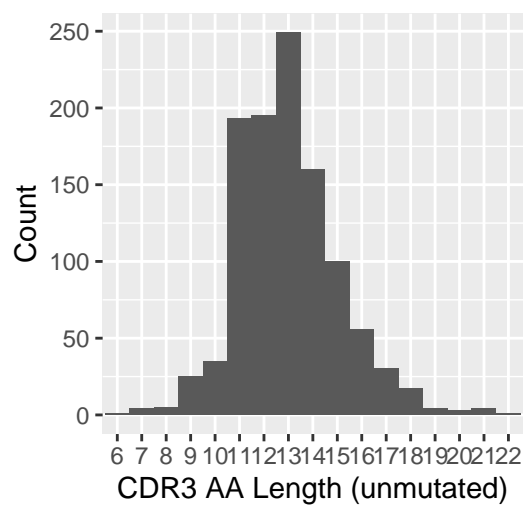
4507 sequences assigned  
4429 (98.3%) exact matches, in which:  
4356 unique CDR3  
14 unique J

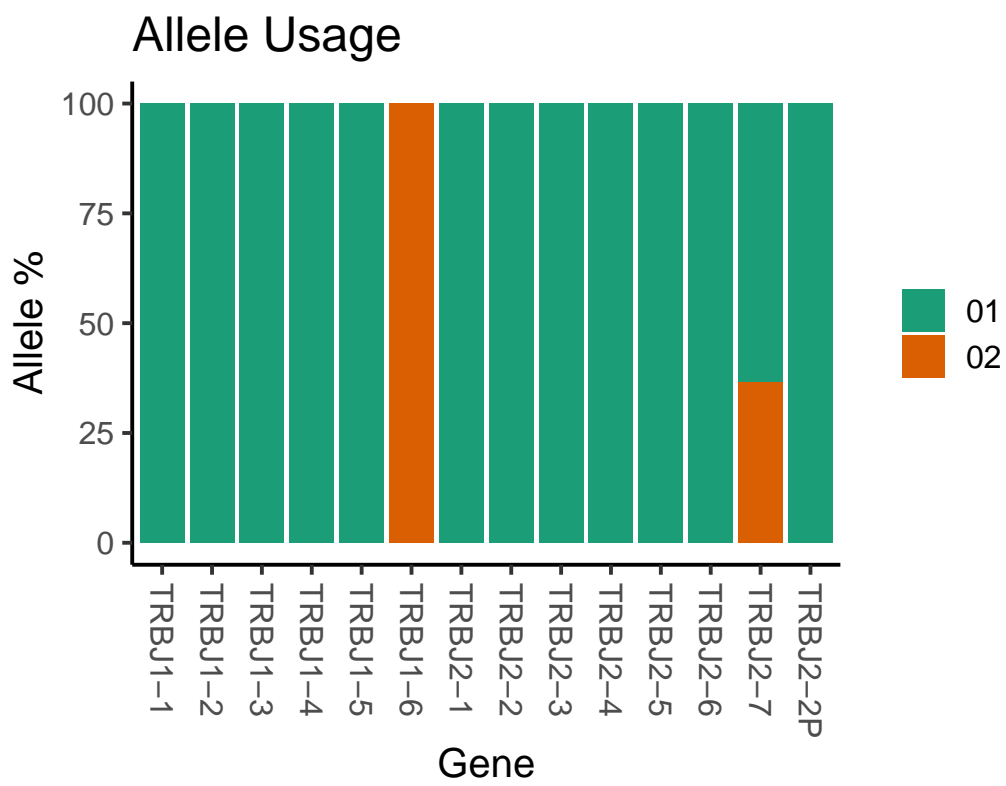


TRBV7-1\*ap01\_T296C

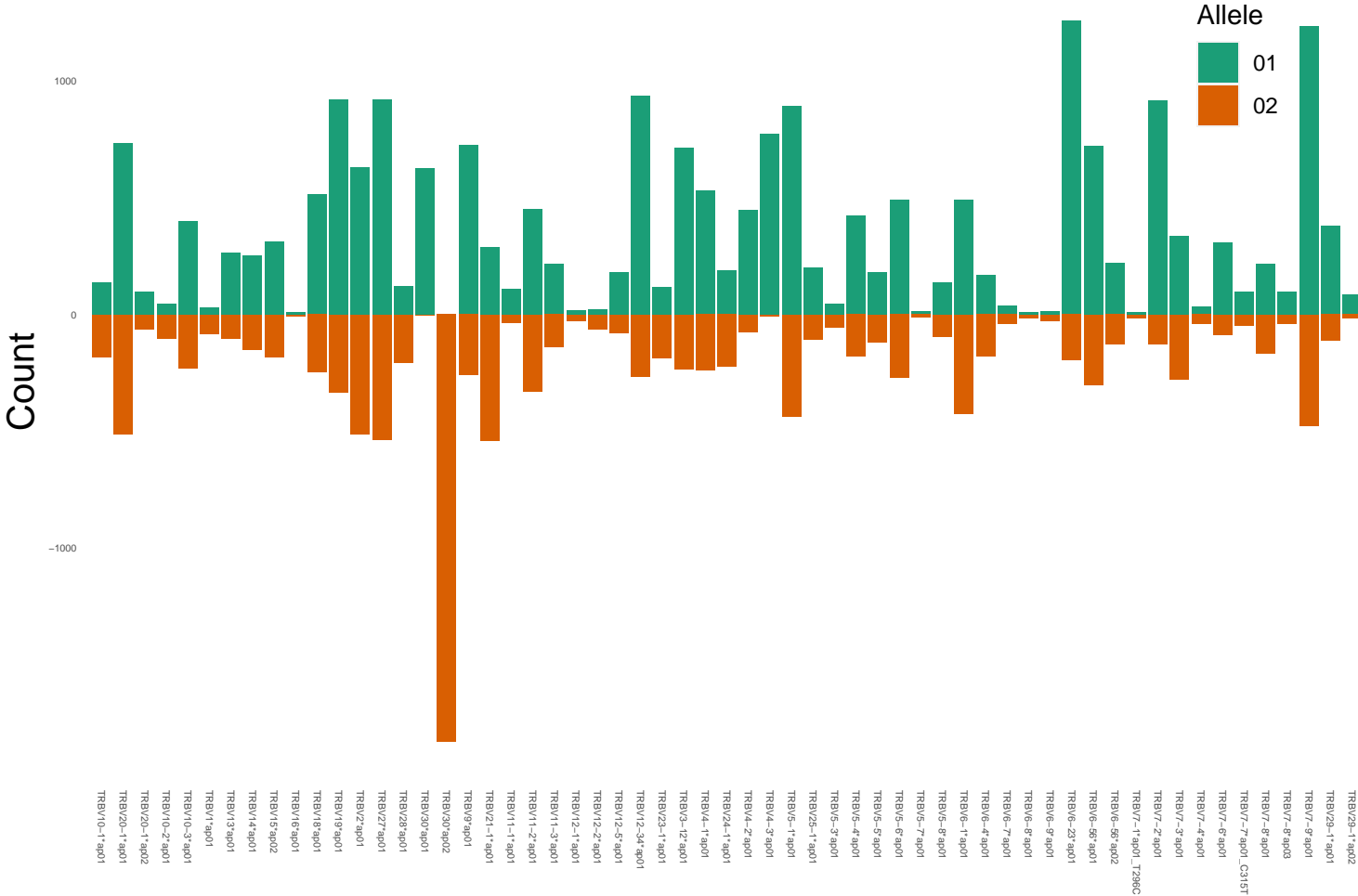


TRBV7-7\*ap01\_C315T





Sequence Count by TRBJ2–7 allele usage



Warning – no inferred sequences found.