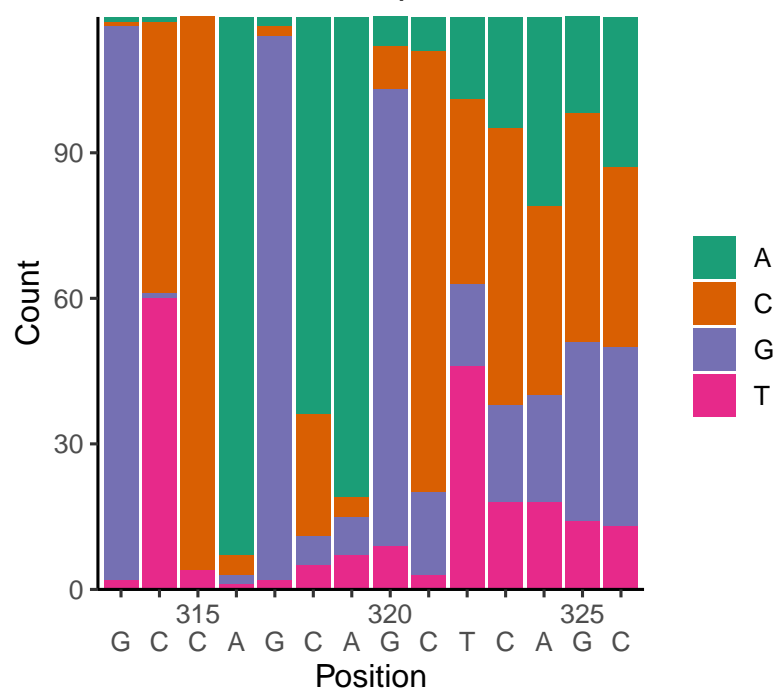
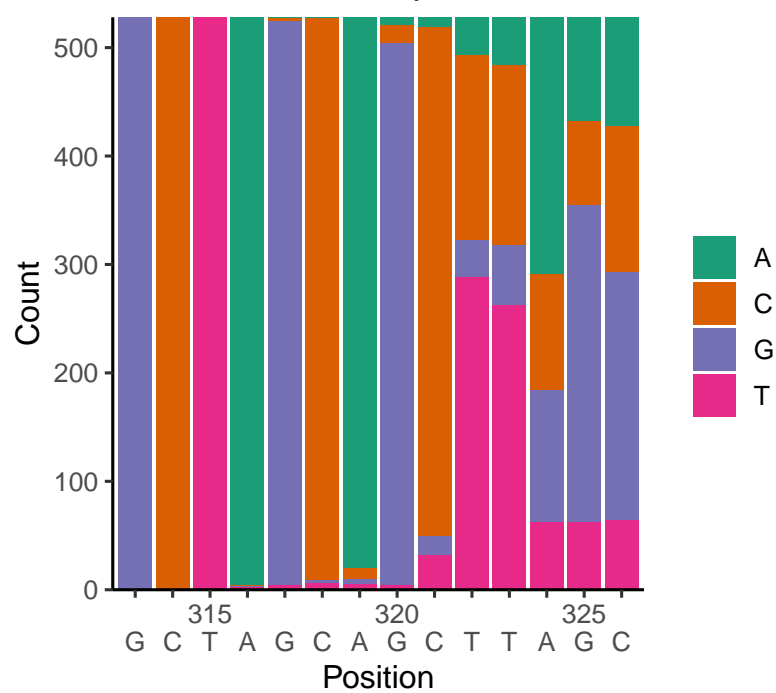


Gene TRBV7-1\*ap01\_T296C



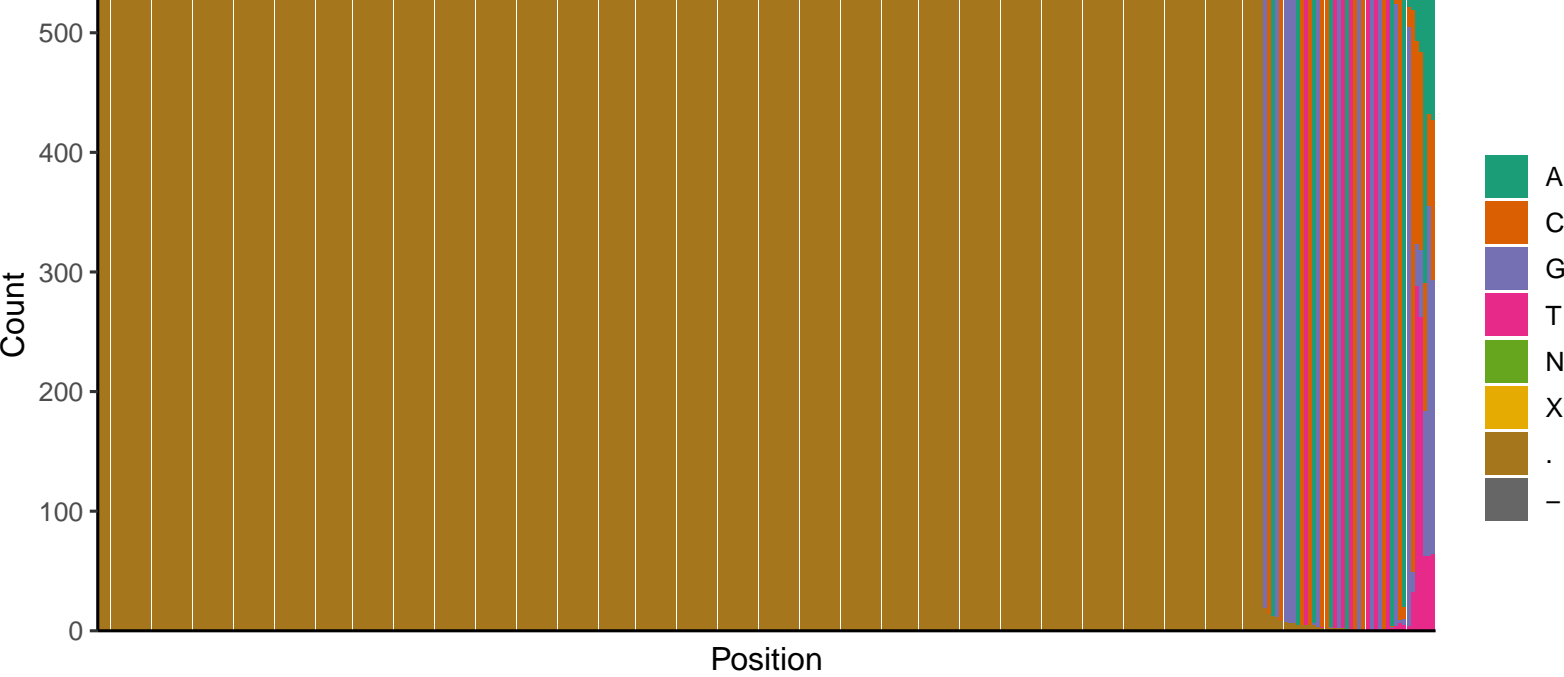
Gene TRBV7-7\*ap01\_C315T



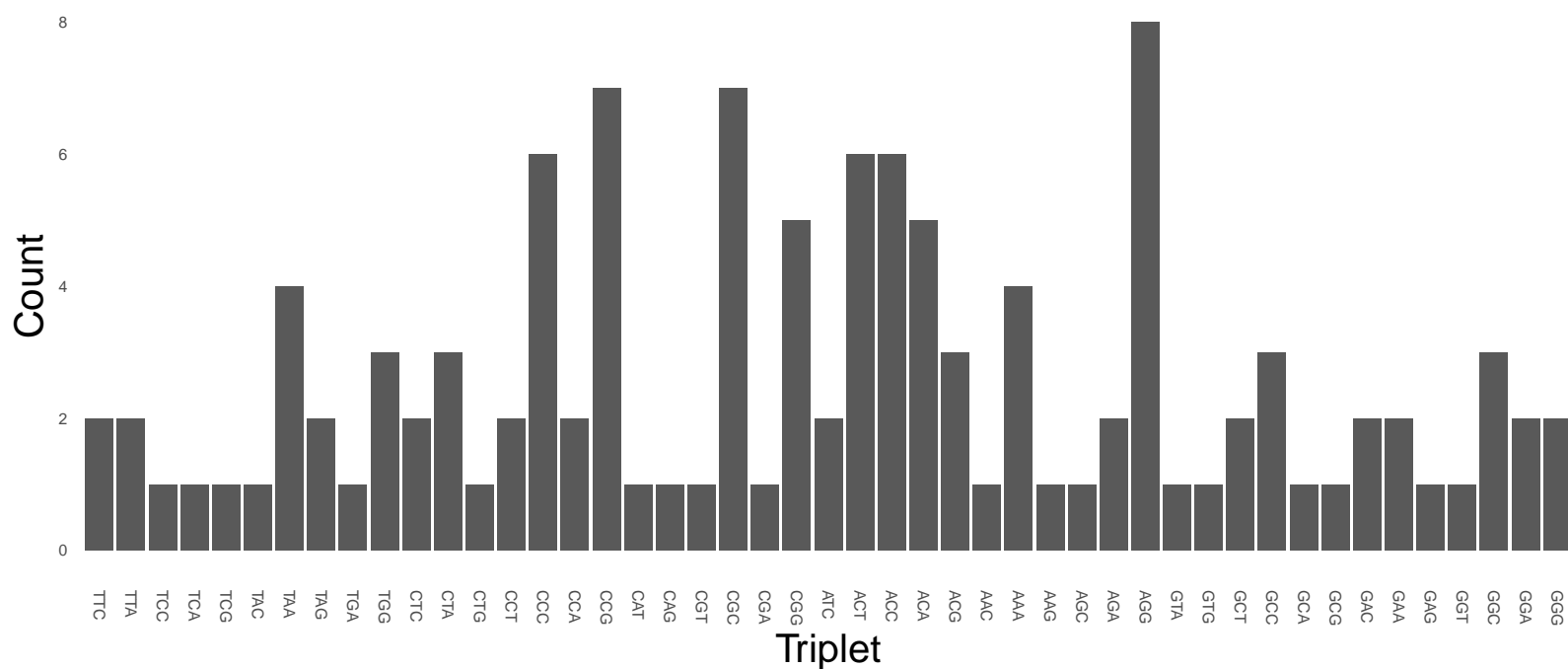
Gene TRBV7-1\*ap01\_T296C



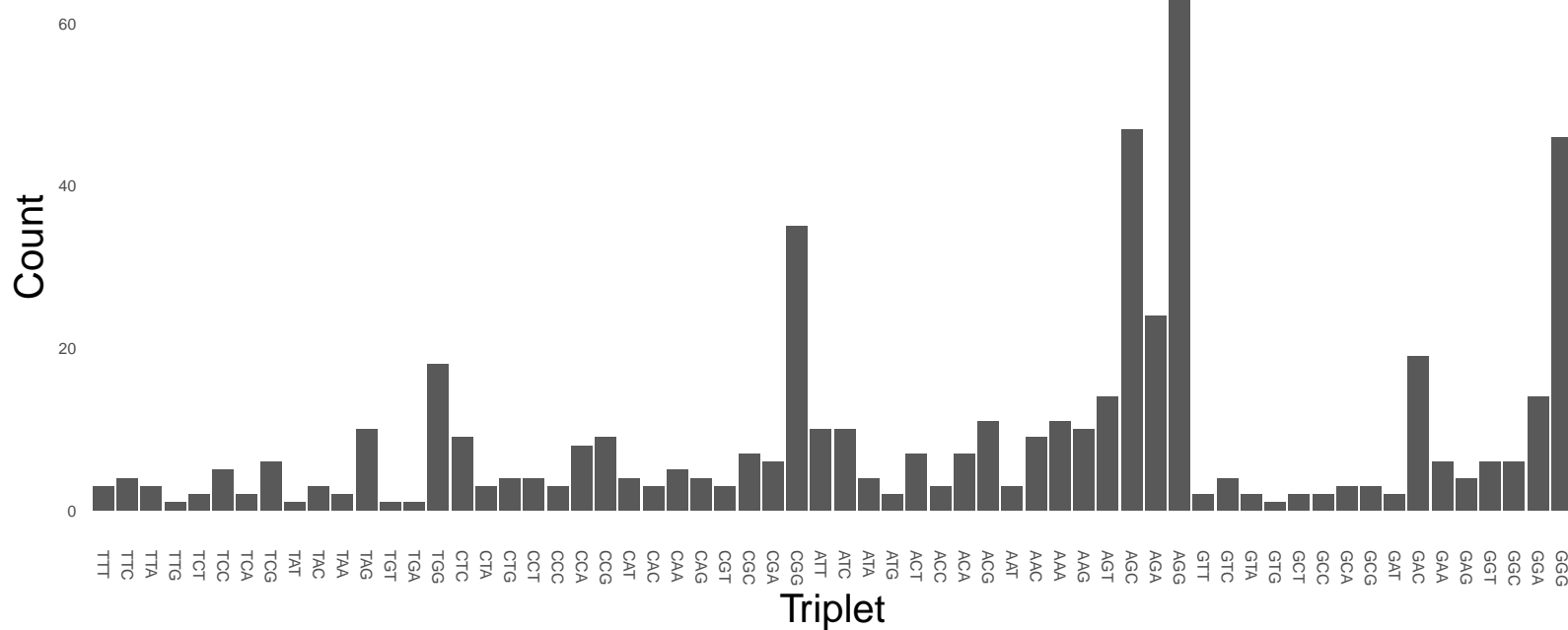
Gene TRBV7-7\*ap01\_C315T



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

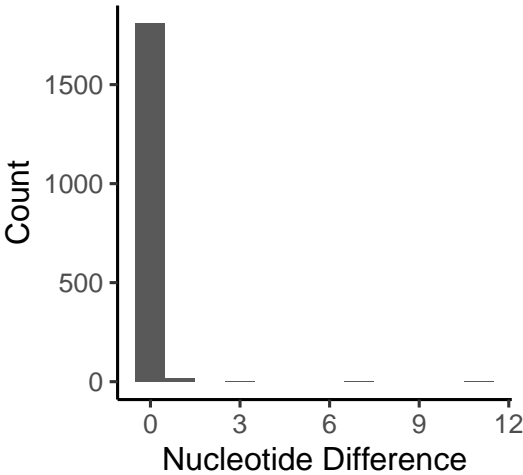


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



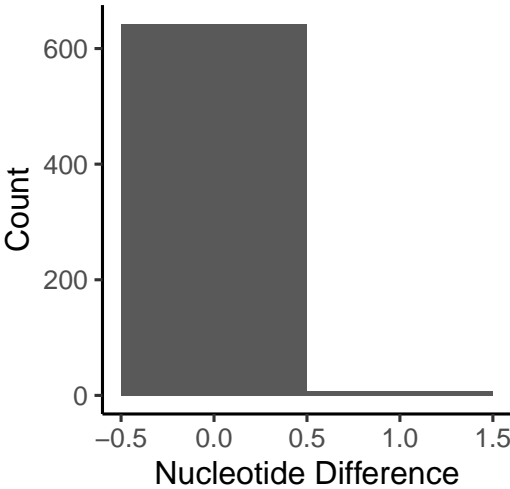
TRBV10-1\*ap01

1830 sequences assigned  
1809 (98.9%) exact matches, in which:  
1762 unique CDR3  
13 unique J



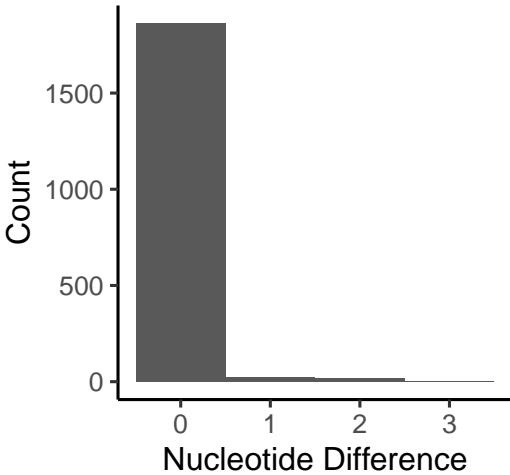
TRBV10-2\*ap01

651 sequences assigned  
643 (98.8%) exact matches, in which:  
633 unique CDR3  
13 unique J



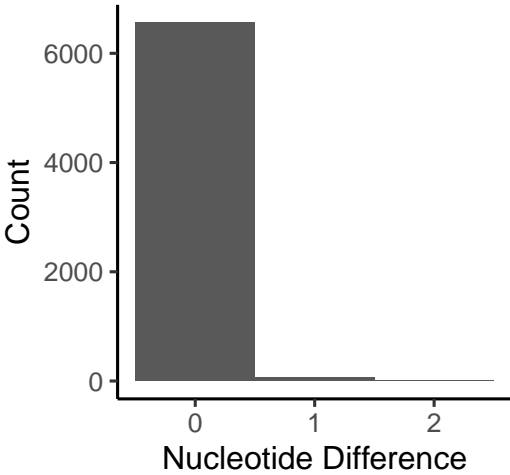
TRBV13\*ap01

1904 sequences assigned  
1862 (97.8%) exact matches, in which:  
1799 unique CDR3  
13 unique J



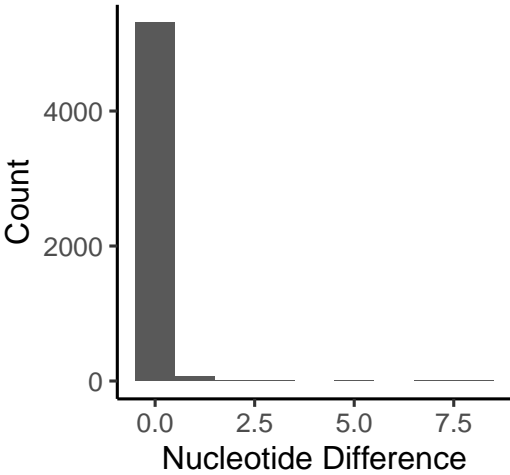
TRBV20-1\*ap01

6627 sequences assigned  
6560 (99%) exact matches, in which:  
6467 unique CDR3  
13 unique J



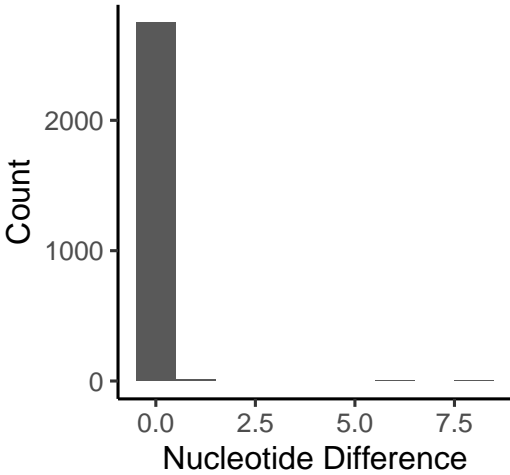
TRBV10-3\*ap01

5387 sequences assigned  
5308 (98.5%) exact matches, in which:  
5185 unique CDR3  
13 unique J



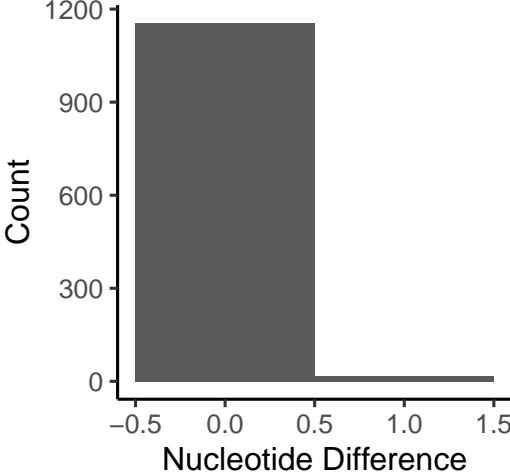
TRBV14\*ap01

2766 sequences assigned  
2749 (99.4%) exact matches, in which:  
2708 unique CDR3  
13 unique J



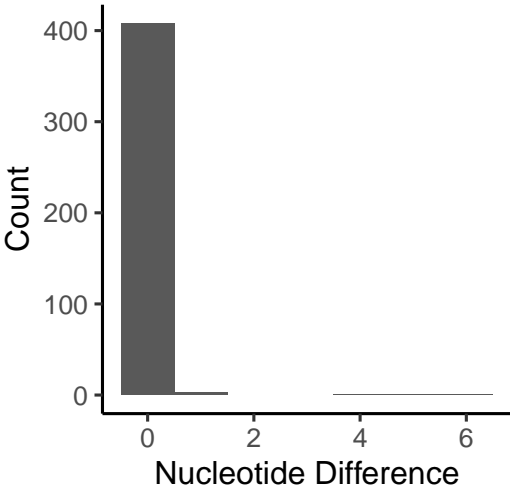
TRBV20-1\*ap02

1172 sequences assigned  
1155 (98.5%) exact matches, in which:  
1135 unique CDR3  
13 unique J



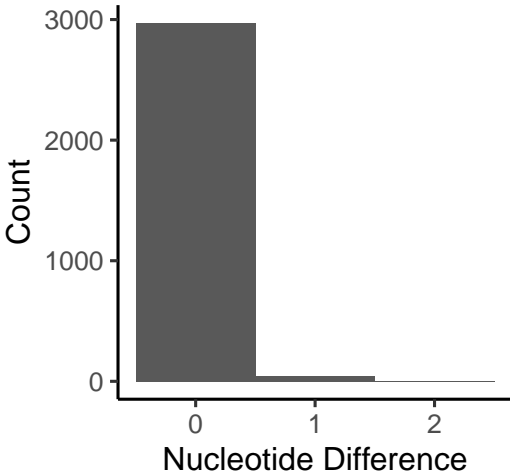
TRBV1\*ap01

414 sequences assigned  
408 (98.6%) exact matches, in which:  
398 unique CDR3  
13 unique J



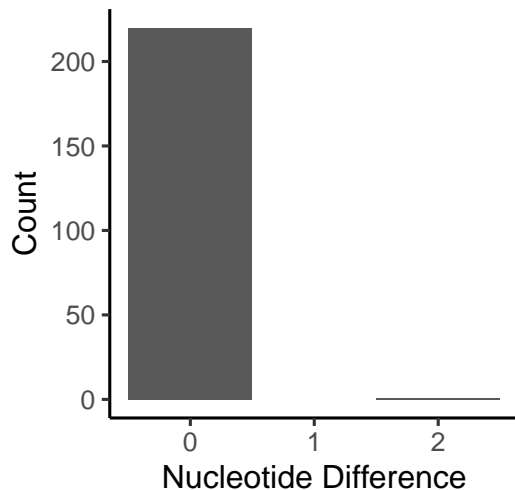
TRBV15\*ap02

3017 sequences assigned  
2971 (98.5%) exact matches, in which:  
2892 unique CDR3  
13 unique J



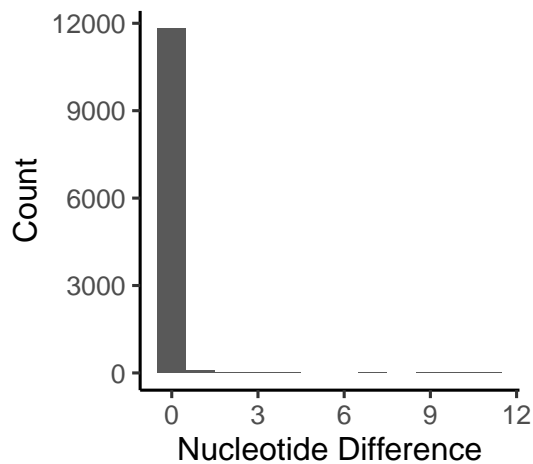
### TRBV16\*ap01

221 sequences assigned  
220 (99.5%) exact matches, in which:  
218 unique CDR3  
13 unique J



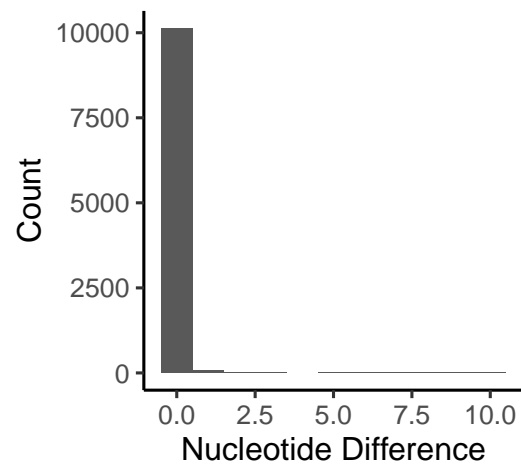
### TRBV19\*ap01

11948 sequences assigned  
11833 (99%) exact matches, in which:  
11713 unique CDR3  
13 unique J



### TRBV27\*ap01

10235 sequences assigned  
10135 (99%) exact matches, in which:  
9981 unique CDR3  
13 unique J



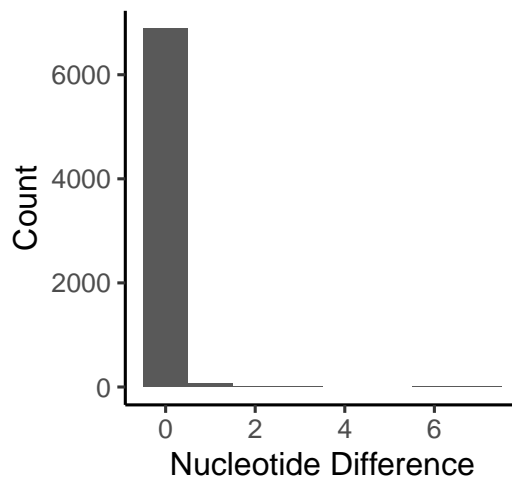
### TRBV17\*ap01

1 sequences assigned  
No exact matches.



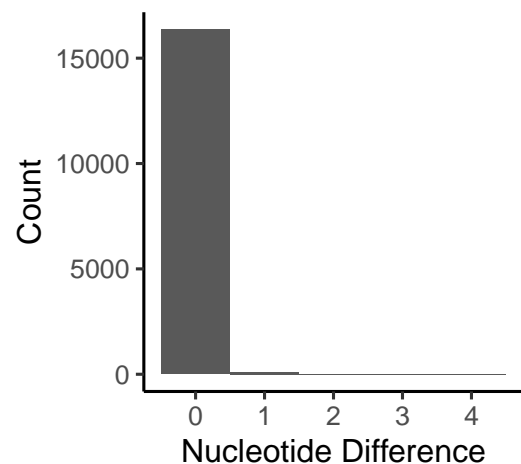
### TRBV2\*ap01

6966 sequences assigned  
6884 (98.8%) exact matches, in which:  
6727 unique CDR3  
13 unique J



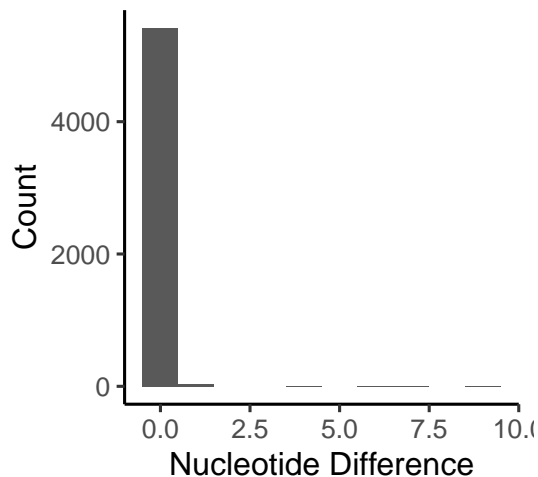
### TRBV28\*ap01

16472 sequences assigned  
16362 (99.3%) exact matches, in which:  
16212 unique CDR3  
13 unique J



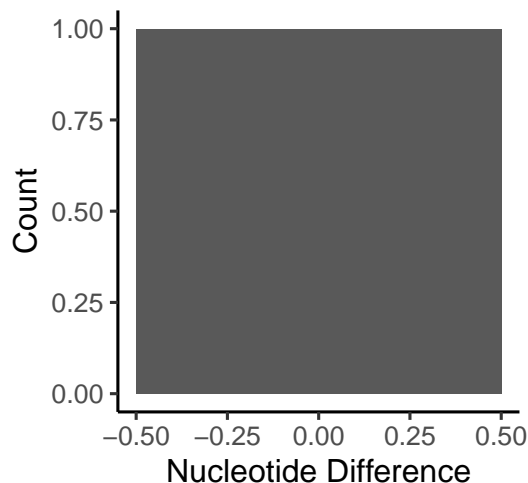
### TRBV18\*ap01

5456 sequences assigned  
5415 (99.2%) exact matches, in which:  
5369 unique CDR3  
13 unique J



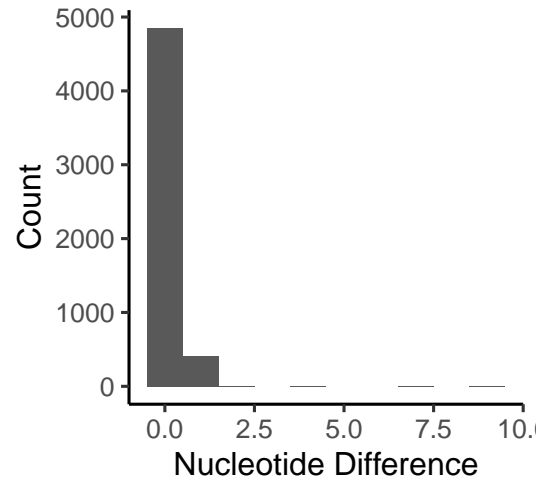
### TRBV26\*ap01

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



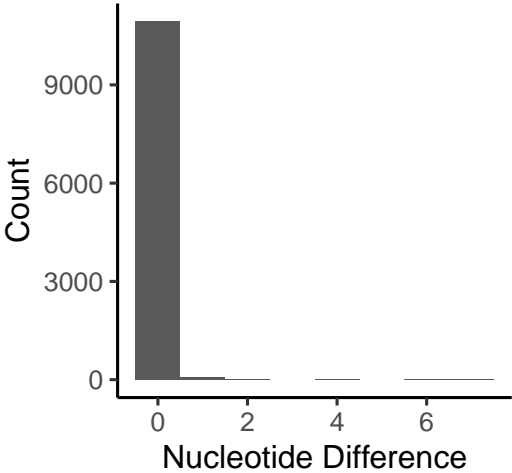
### TRBV30\*ap01

5269 sequences assigned  
4851 (92.1%) exact matches, in which:  
4721 unique CDR3  
13 unique J



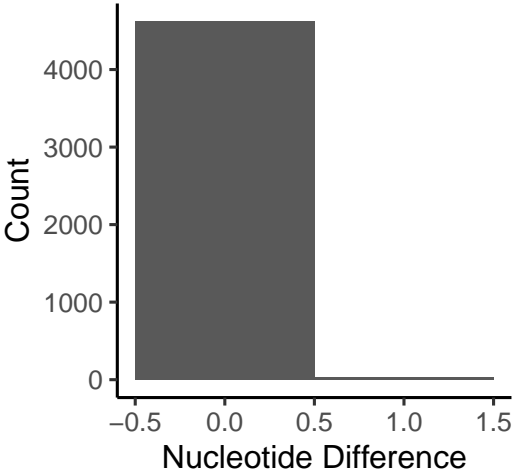
TRBV9\*ap01

11020 sequences assigned  
10938 (99.3%) exact matches, in which:  
10804 unique CDR3  
13 unique J



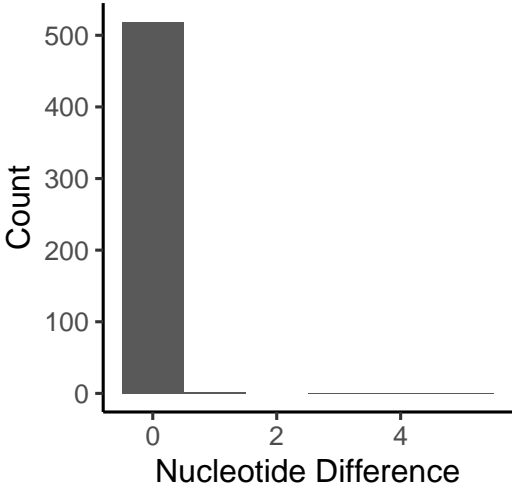
TRBV11-2\*ap01

4654 sequences assigned  
4621 (99.3%) exact matches, in which:  
4554 unique CDR3  
13 unique J



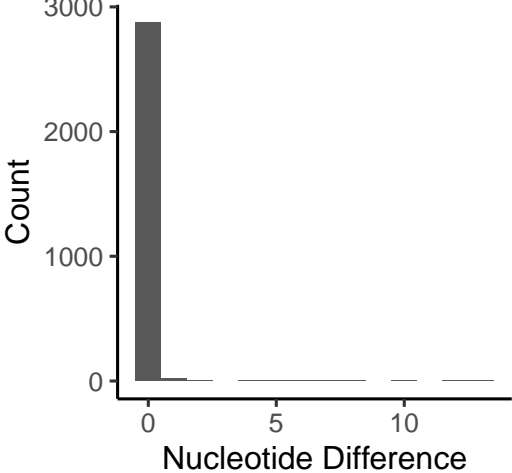
TRBV12-2\*ap01

524 sequences assigned  
519 (99%) exact matches, in which:  
511 unique CDR3  
13 unique J



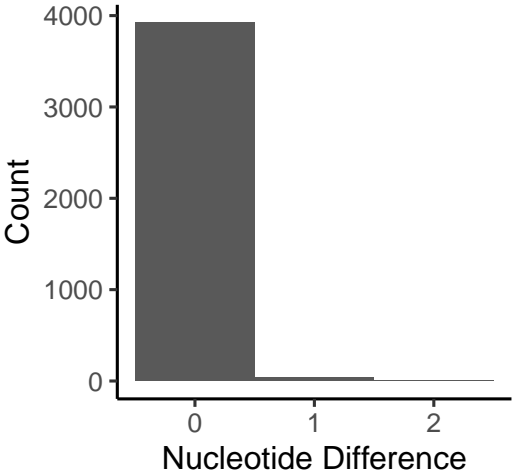
TRBV21-1\*ap01

2916 sequences assigned  
2873 (98.5%) exact matches, in which:  
2863 unique CDR3  
13 unique J



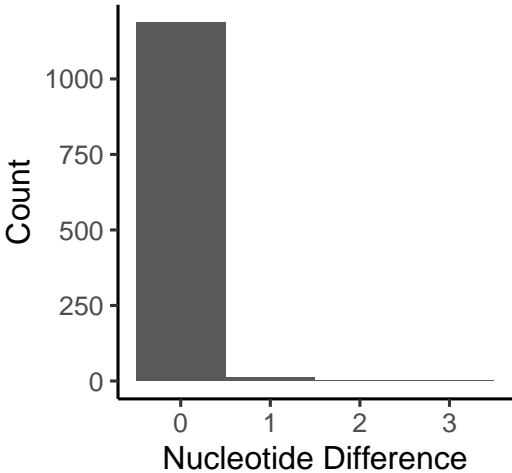
TRBV11-3\*ap01

3957 sequences assigned  
3922 (99.1%) exact matches, in which:  
3842 unique CDR3  
13 unique J



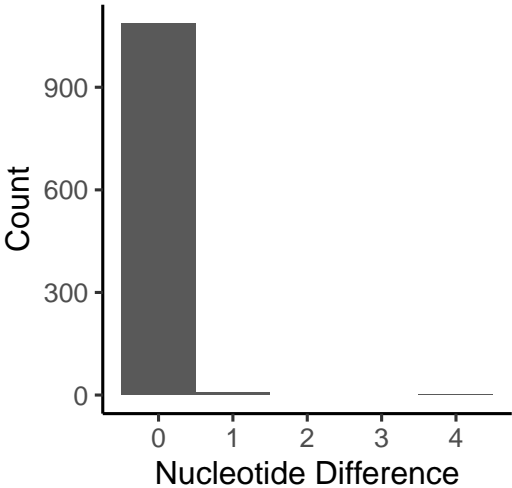
TRBV12-5\*ap01

1200 sequences assigned  
1186 (98.8%) exact matches, in which:  
1166 unique CDR3  
13 unique J



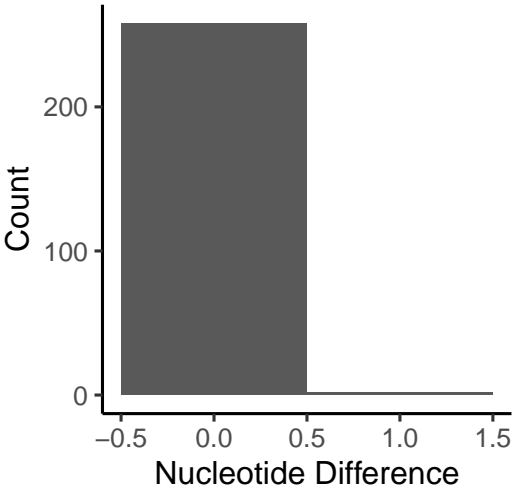
TRBV11-1\*ap01

1095 sequences assigned  
1087 (99.3%) exact matches, in which:  
1070 unique CDR3  
13 unique J



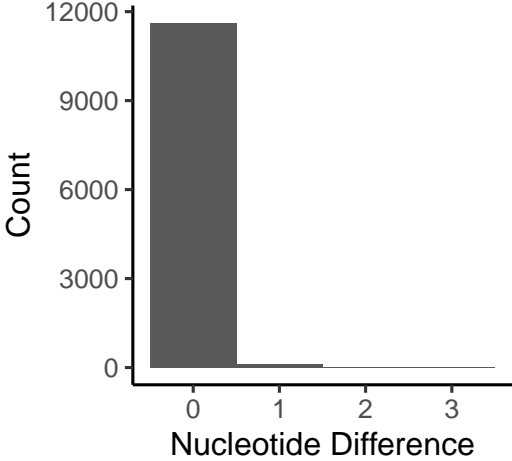
TRBV12-1\*ap01

260 sequences assigned  
258 (99.2%) exact matches, in which:  
249 unique CDR3  
13 unique J



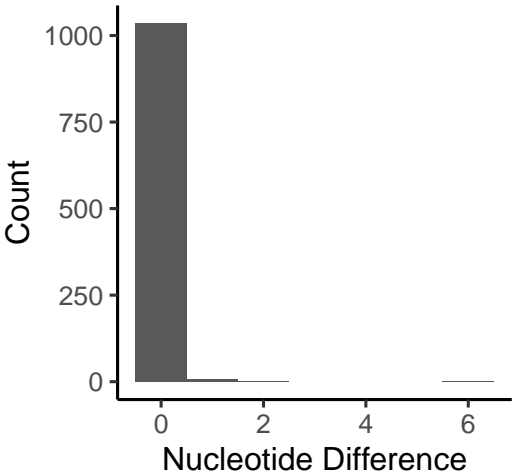
TRBV12-34\*ap01

11730 sequences assigned  
11624 (99.1%) exact matches, in which:  
11417 unique CDR3  
14 unique J



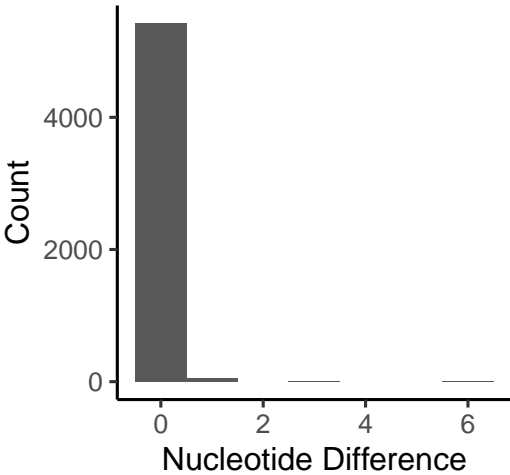
TRBV23-1\*ap01

1045 sequences assigned  
1035 (99%) exact matches, in which:  
1031 unique CDR3  
13 unique J



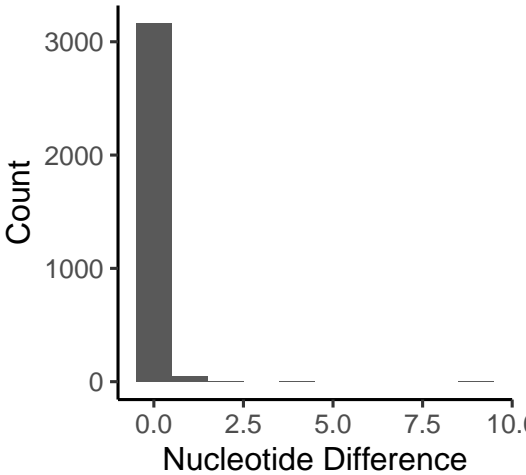
TRBV24-1\*ap01

5472 sequences assigned  
5421 (99.1%) exact matches, in which:  
5318 unique CDR3  
13 unique J



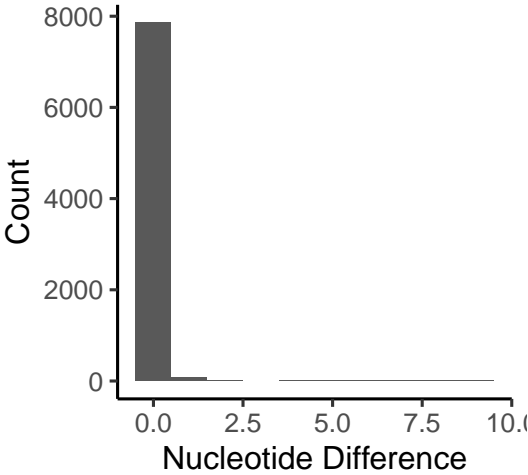
TRBV25-1\*ap01

3212 sequences assigned  
3162 (98.4%) exact matches, in which:  
3086 unique CDR3  
13 unique J



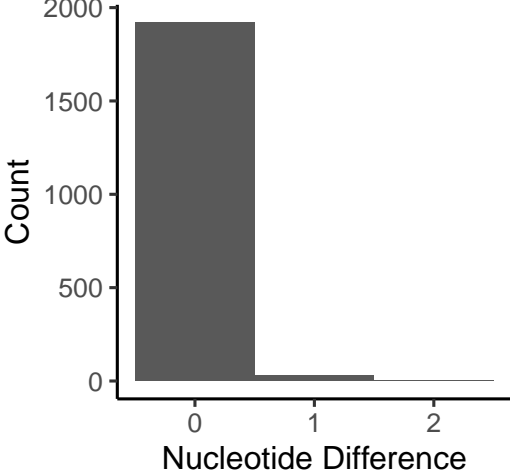
TRBV3-12\*ap01

7957 sequences assigned  
7857 (98.7%) exact matches, in which:  
7731 unique CDR3  
13 unique J



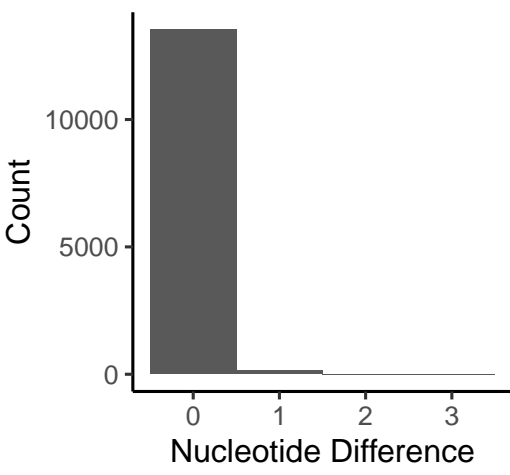
TRBV4-2\*ap01

1952 sequences assigned  
1919 (98.3%) exact matches, in which:  
1871 unique CDR3  
13 unique J



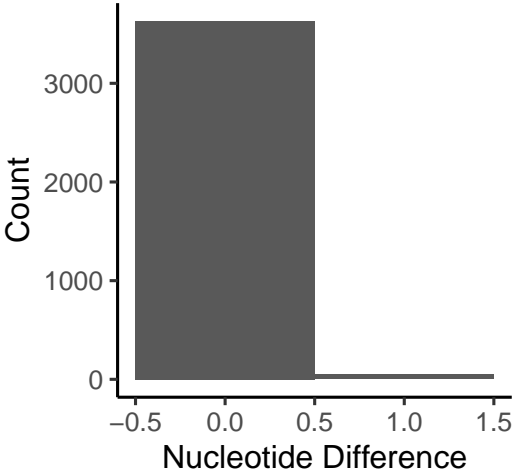
TRBV5-1\*ap01

13685 sequences assigned  
13536 (98.9%) exact matches, in which:  
13175 unique CDR3  
13 unique J



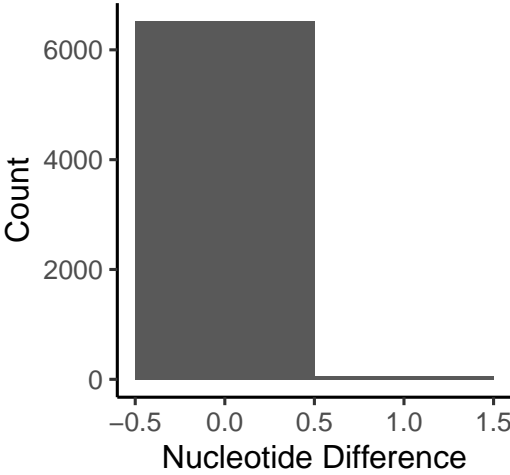
TRBV4-1\*ap01

3678 sequences assigned  
3631 (98.7%) exact matches, in which:  
3562 unique CDR3  
13 unique J



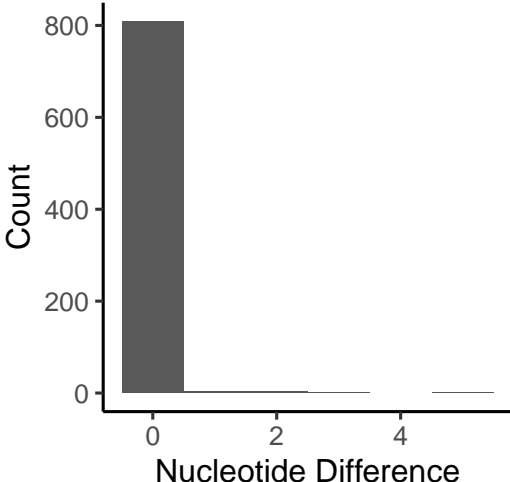
TRBV4-3\*ap01

6585 sequences assigned  
6524 (99.1%) exact matches, in which:  
6386 unique CDR3  
13 unique J



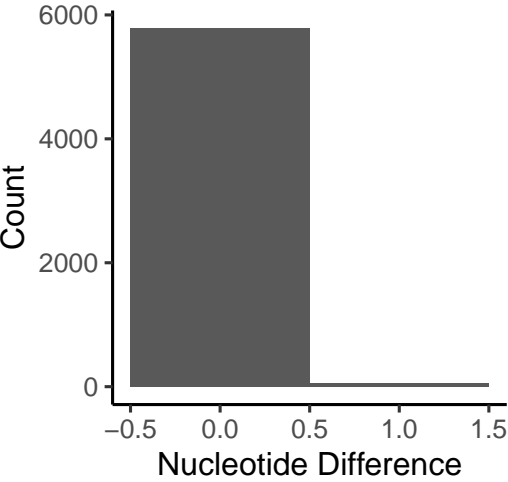
TRBV5-3\*ap01

817 sequences assigned  
809 (99%) exact matches, in which:  
797 unique CDR3  
13 unique J



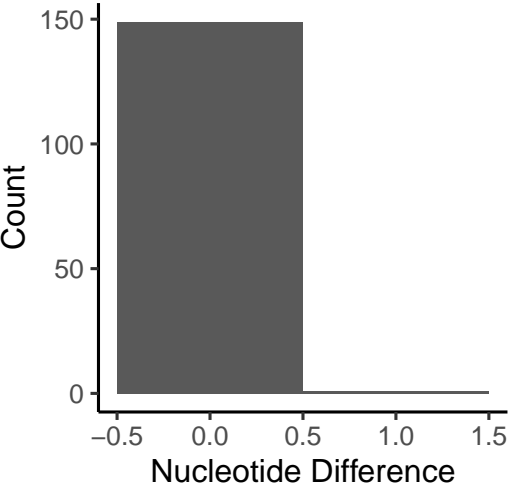
TRBV5-4\*ap01

5841 sequences assigned  
5782 (99%) exact matches, in which:  
5635 unique CDR3  
13 unique J



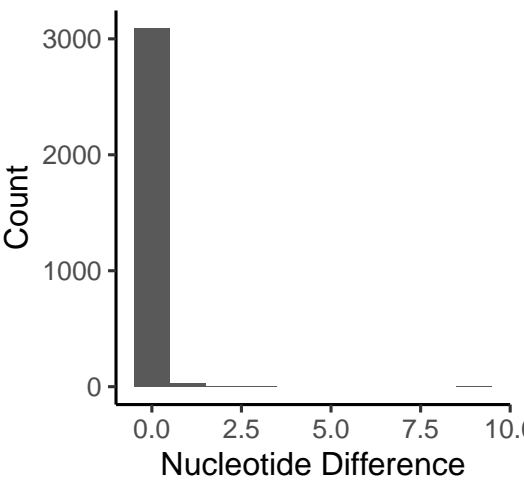
TRBV5-7\*ap01

150 sequences assigned  
149 (99.3%) exact matches, in which:  
143 unique CDR3  
12 unique J



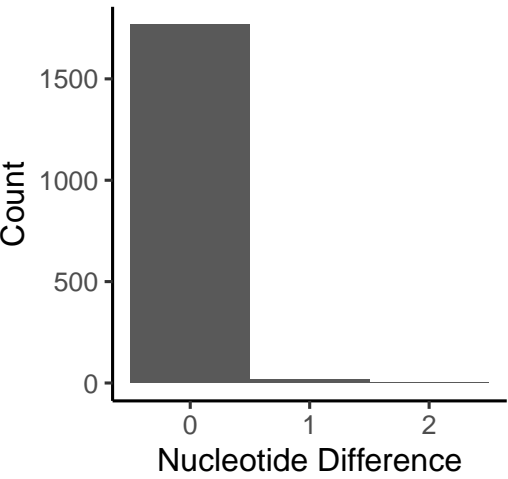
TRBV6-4\*ap01

3131 sequences assigned  
3090 (98.7%) exact matches, in which:  
3044 unique CDR3  
13 unique J



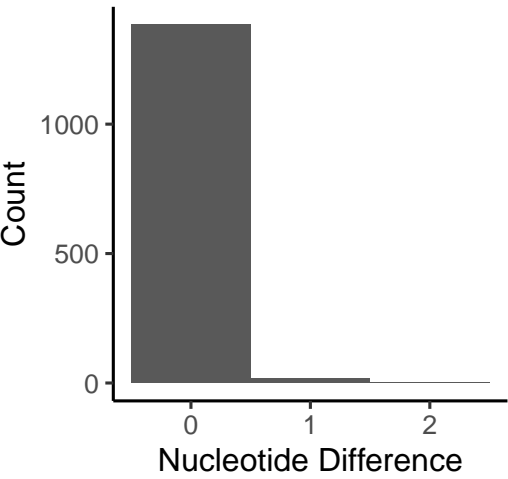
TRBV5-5\*ap01

1784 sequences assigned  
1767 (99%) exact matches, in which:  
1756 unique CDR3  
13 unique J



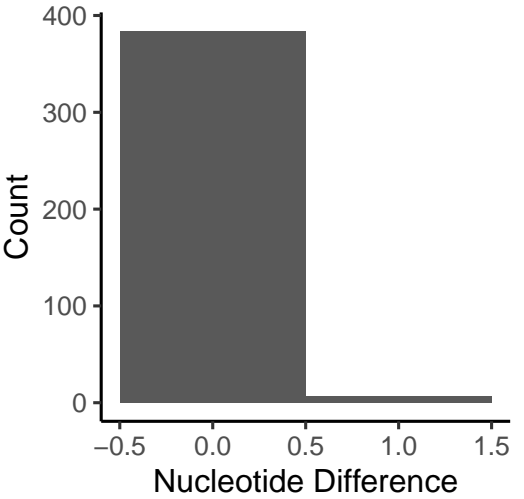
TRBV5-8\*ap01

1402 sequences assigned  
1384 (98.7%) exact matches, in which:  
1363 unique CDR3  
13 unique J



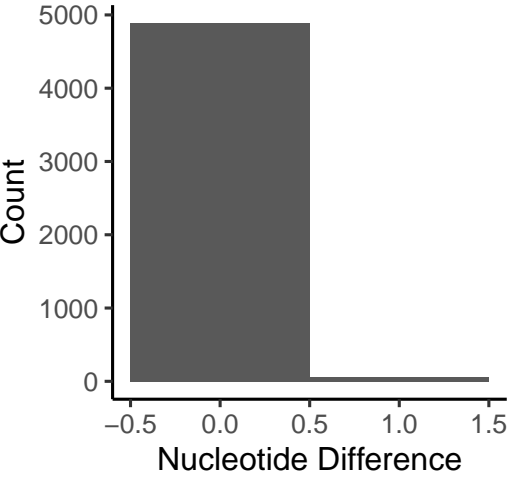
TRBV6-7\*ap01

391 sequences assigned  
384 (98.2%) exact matches, in which:  
367 unique CDR3  
13 unique J



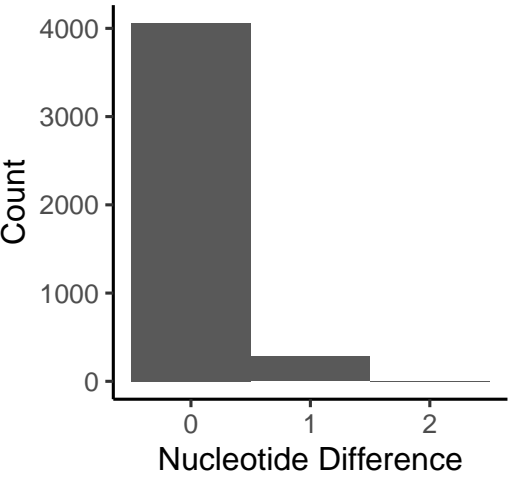
TRBV5-6\*ap01

4952 sequences assigned  
4889 (98.7%) exact matches, in which:  
4723 unique CDR3  
13 unique J



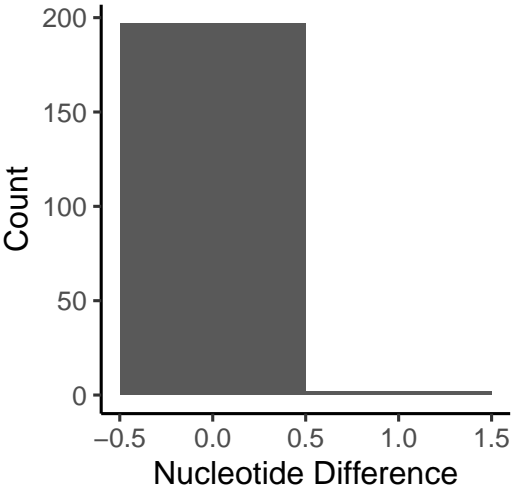
TRBV6-1\*ap01

4349 sequences assigned  
4060 (93.4%) exact matches, in which:  
3929 unique CDR3  
13 unique J



TRBV6-8\*ap01

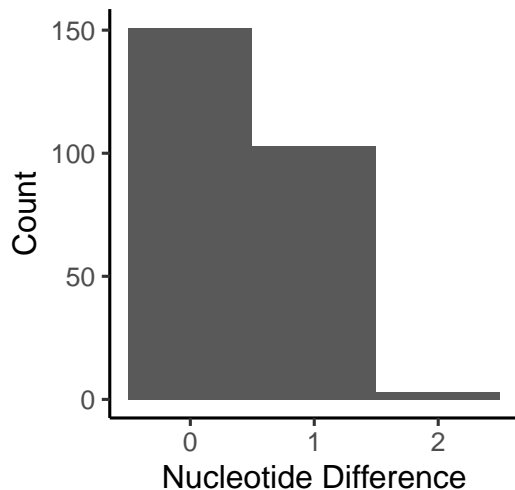
199 sequences assigned  
197 (99%) exact matches, in which:  
191 unique CDR3  
13 unique J





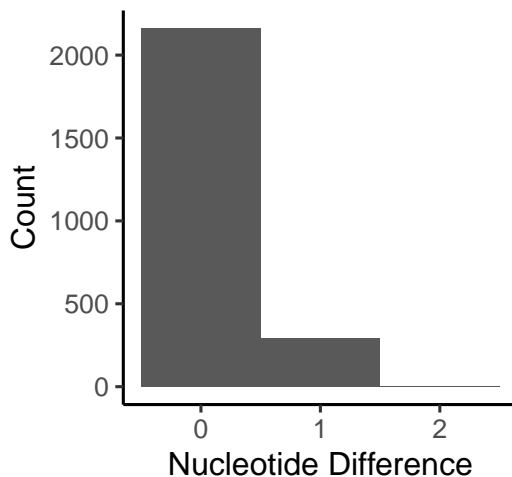
### TRBV6-9\*ap01

257 sequences assigned  
151 (58.8%) exact matches, in which:  
147 unique CDR3  
13 unique J



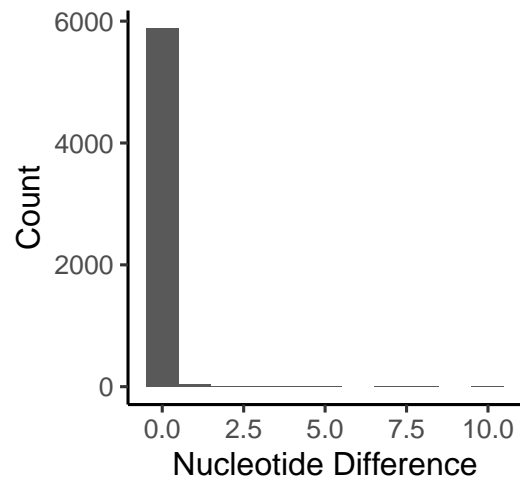
### TRBV6-56\*ap02

2461 sequences assigned  
2161 (87.8%) exact matches, in which:  
2089 unique CDR3  
13 unique J



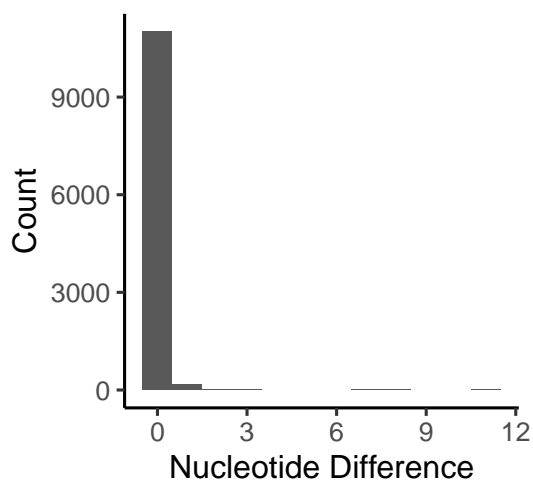
### TRBV7-3\*ap01

5933 sequences assigned  
5881 (99.1%) exact matches, in which:  
5813 unique CDR3  
13 unique J



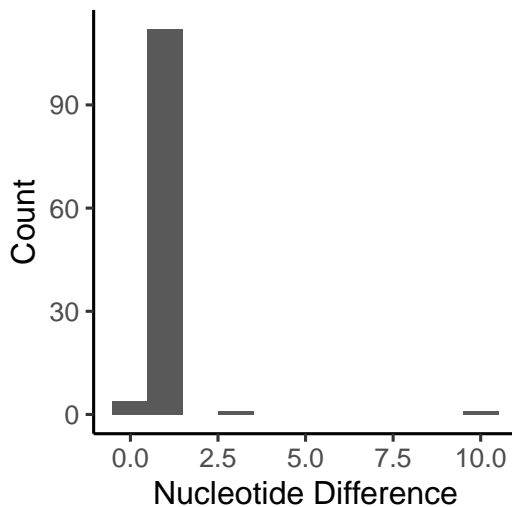
### TRBV6-23\*ap01

11184 sequences assigned  
11008 (98.4%) exact matches, in which:  
10589 unique CDR3  
14 unique J



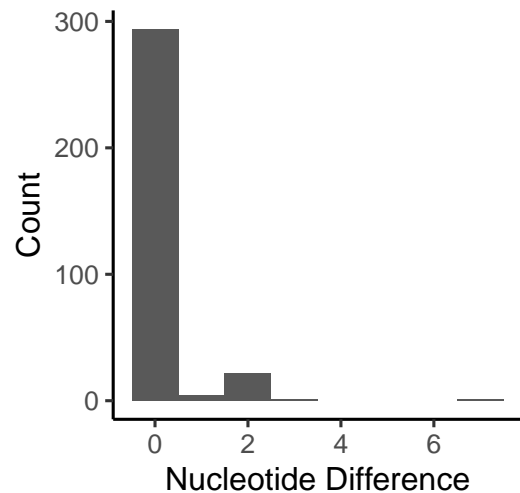
### TRBV7-1\*ap01\_T296C

118 sequences assigned  
4 (3.4%) exact matches, in which:  
4 unique CDR3  
4 unique J



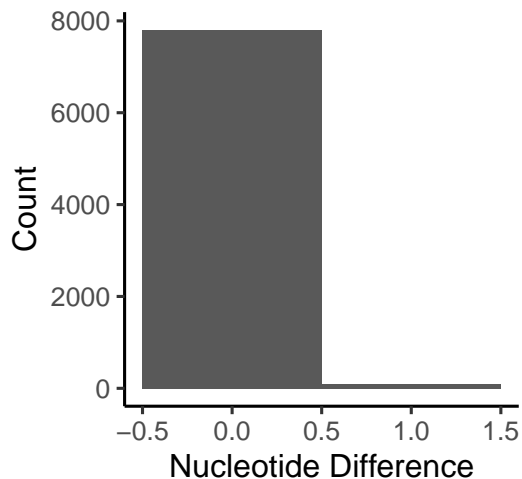
### TRBV7-4\*ap01

322 sequences assigned  
294 (91.3%) exact matches, in which:  
289 unique CDR3  
13 unique J



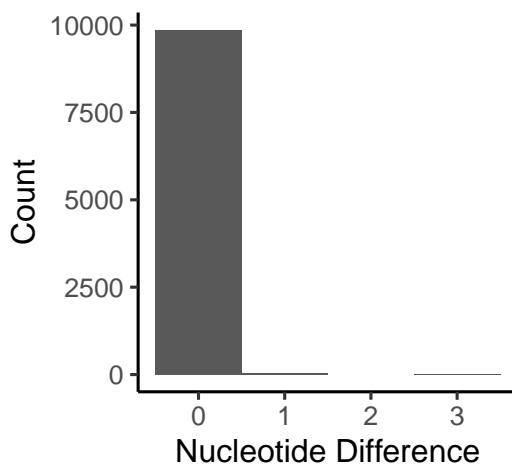
### TRBV6-56\*ap01

7897 sequences assigned  
7800 (98.8%) exact matches, in which:  
7550 unique CDR3  
13 unique J



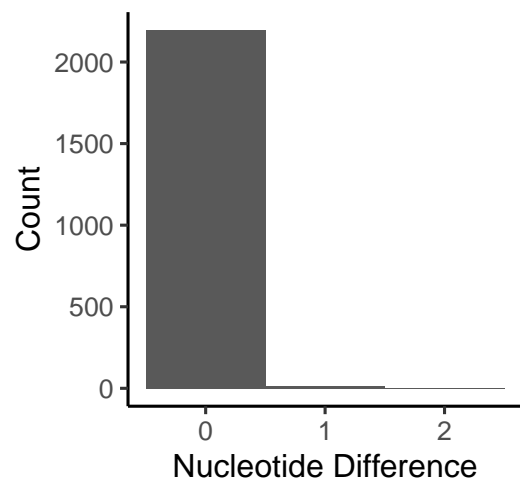
### TRBV7-2\*ap01

9915 sequences assigned  
9865 (99.5%) exact matches, in which:  
9733 unique CDR3  
13 unique J



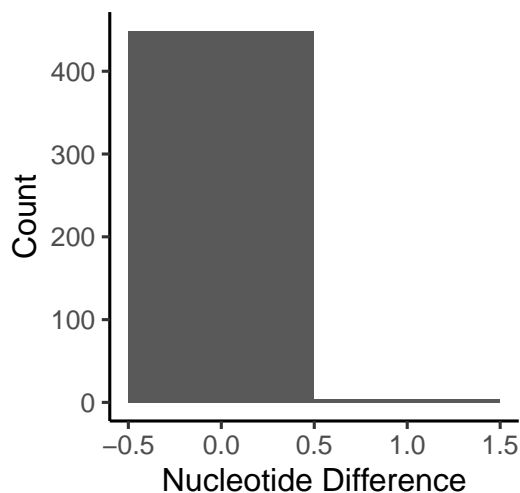
### TRBV7-6\*ap01

2213 sequences assigned  
2196 (99.2%) exact matches, in which:  
2157 unique CDR3  
13 unique J



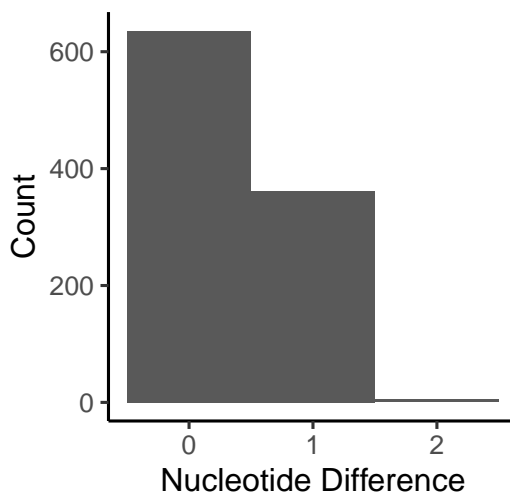
### TRBV7-7\*ap01

453 sequences assigned  
449 (99.1%) exact matches, in which:  
442 unique CDR3  
13 unique J



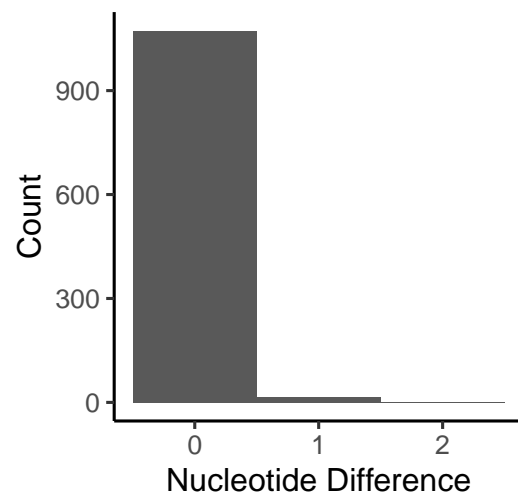
### TRBV7-8\*ap03

1003 sequences assigned  
636 (63.4%) exact matches, in which:  
626 unique CDR3  
13 unique J



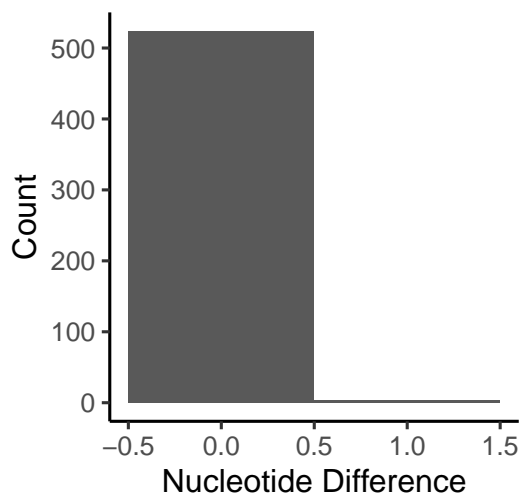
### TRBV29-1\*ap02

1090 sequences assigned  
1073 (98.4%) exact matches, in which:  
1036 unique CDR3  
13 unique J



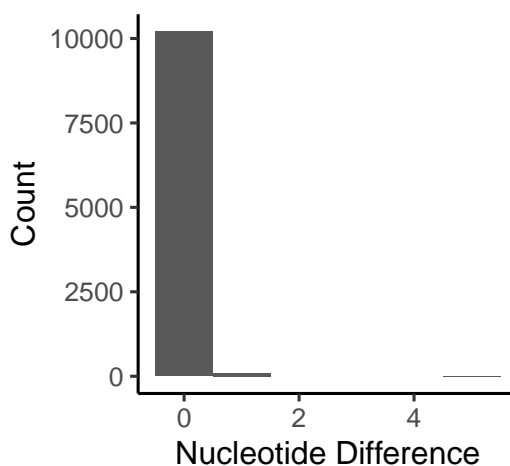
### TRBV7-7\*ap01\_C315T

528 sequences assigned  
524 (99.2%) exact matches, in which:  
512 unique CDR3  
13 unique J



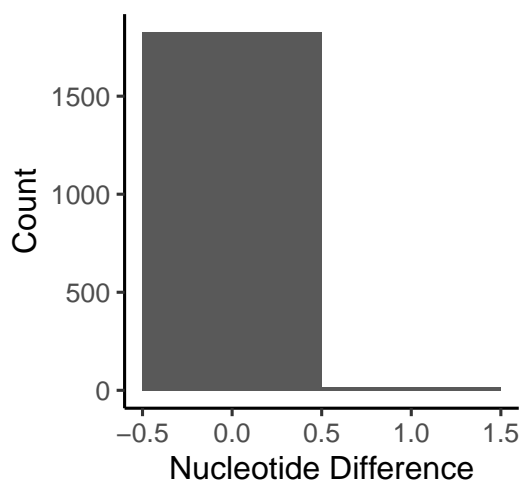
### TRBV7-9\*ap01

10309 sequences assigned  
10208 (99%) exact matches, in which:  
10021 unique CDR3  
13 unique J



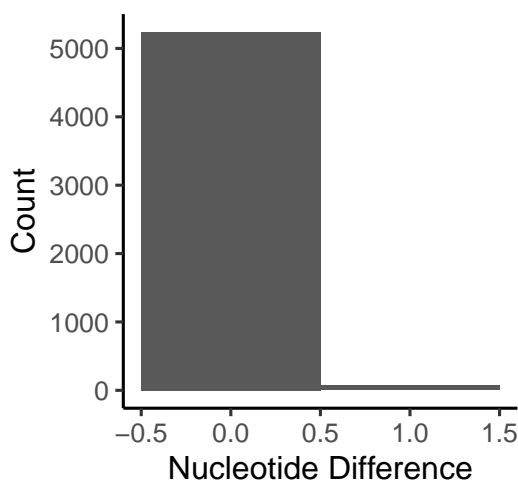
### TRBV7-8\*ap01

1844 sequences assigned  
1827 (99.1%) exact matches, in which:  
1801 unique CDR3  
13 unique J

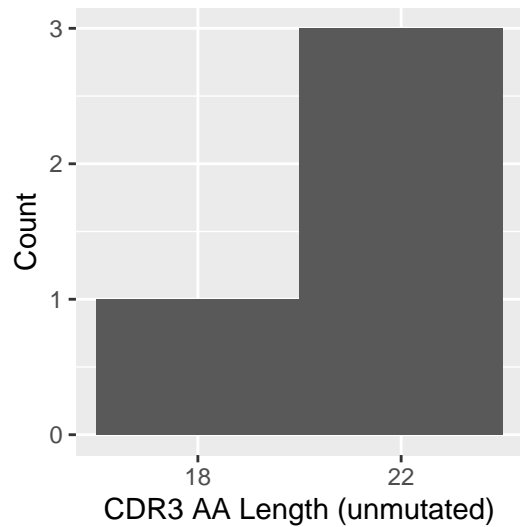


### TRBV29-1\*ap01

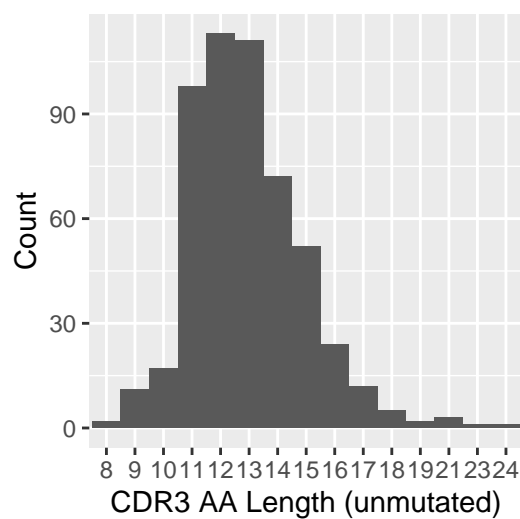
5310 sequences assigned  
5240 (98.7%) exact matches, in which:  
5074 unique CDR3  
13 unique J



TRBV7-1\*ap01\_T296C



TRBV7-7\*ap01\_C315T





[illegible]