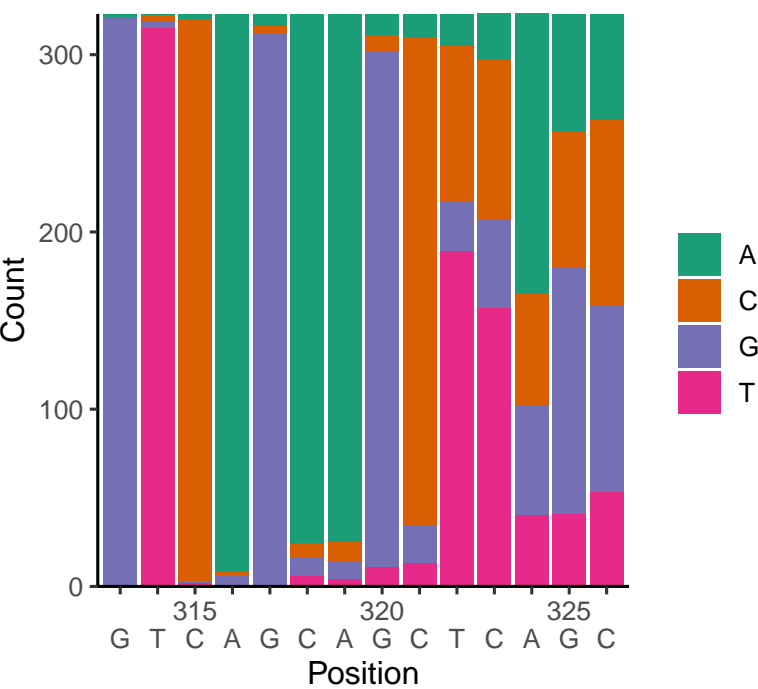


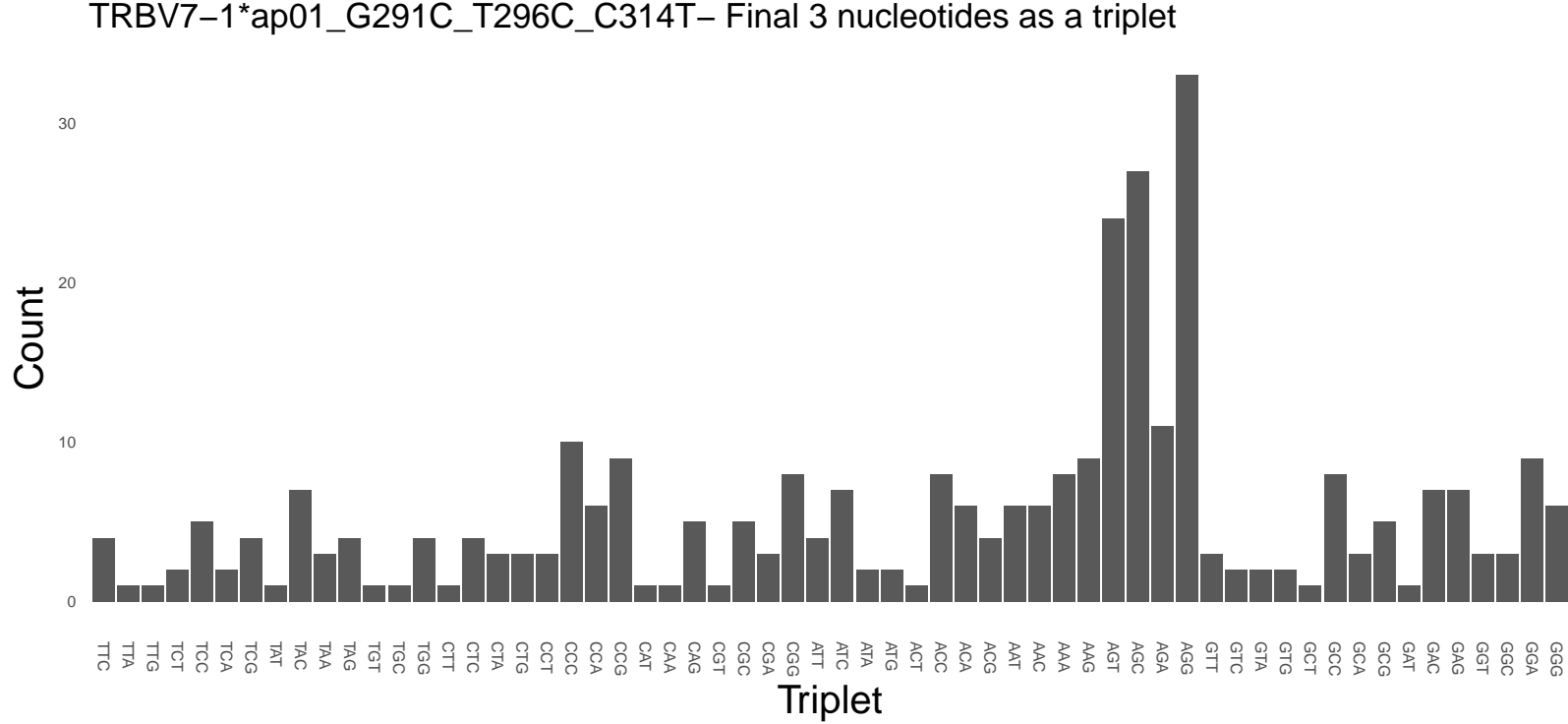
Gene TRBV7-1\*ap01\_G291C\_T296C\_C314T



Gene TRBV7-1\*ap01\_G291C\_T296C\_C314T

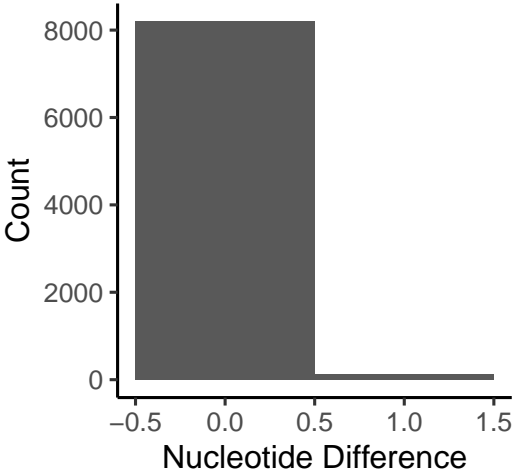


TRBV7-1\*ap01\_G291C\_T296C\_C314T- Final 3 nucleotides as a triplet



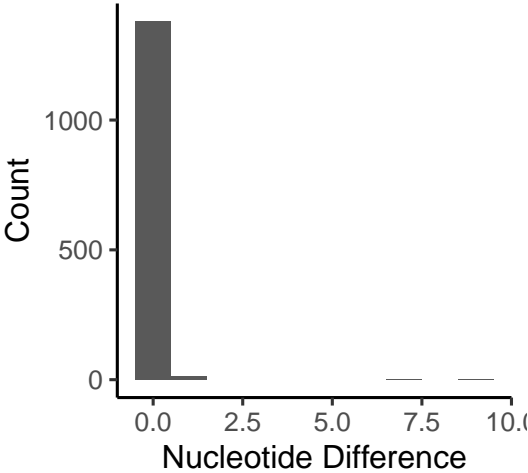
TRBV20-1\*ap01

8318 sequences assigned  
8199 (98.6%) exact matches, in which:  
7994 unique CDR3  
13 unique J



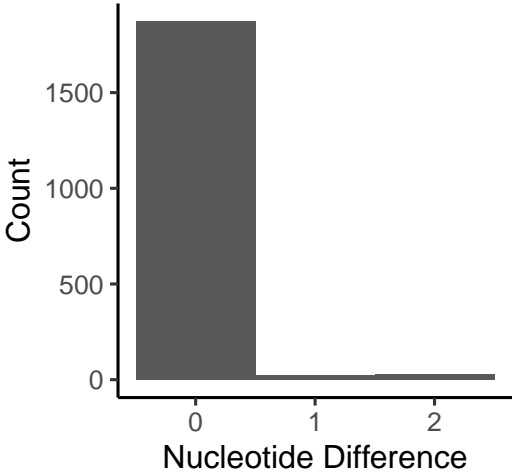
TRBV10-2\*ap01

1396 sequences assigned  
1380 (98.9%) exact matches, in which:  
1341 unique CDR3  
13 unique J



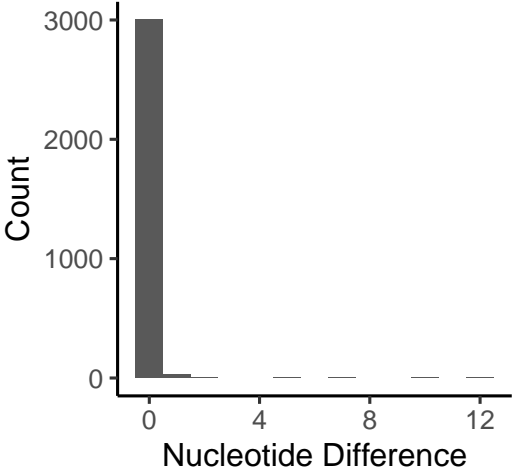
TRBV13\*ap01

1924 sequences assigned  
1872 (97.3%) exact matches, in which:  
1816 unique CDR3  
13 unique J



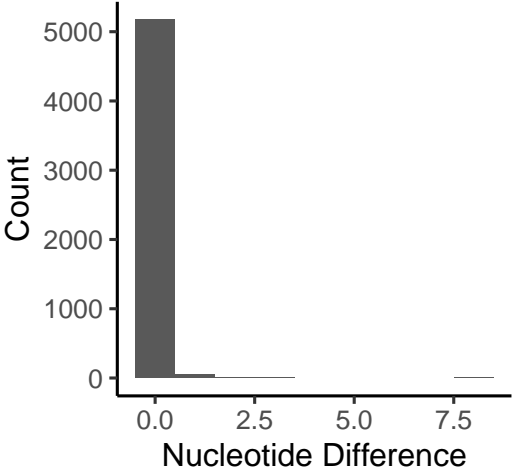
TRBV10-1\*ap01

3037 sequences assigned  
3002 (98.8%) exact matches, in which:  
2904 unique CDR3  
13 unique J



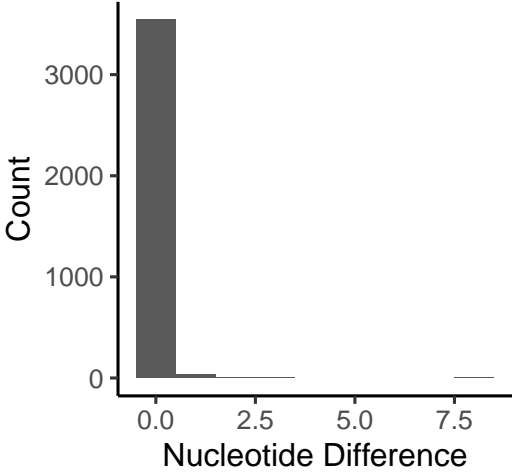
TRBV10-3\*ap01

5236 sequences assigned  
5173 (98.8%) exact matches, in which:  
5018 unique CDR3  
13 unique J



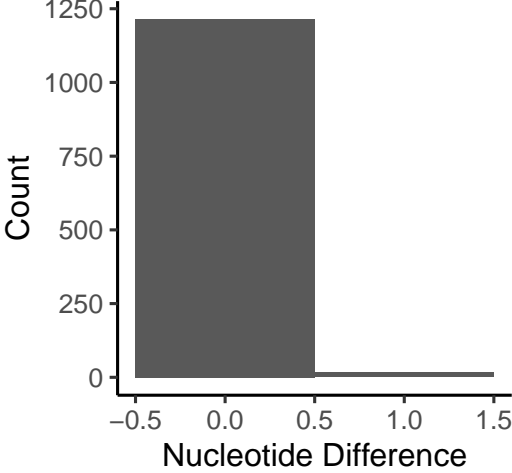
TRBV14\*ap01

3587 sequences assigned  
3543 (98.8%) exact matches, in which:  
3439 unique CDR3  
13 unique J



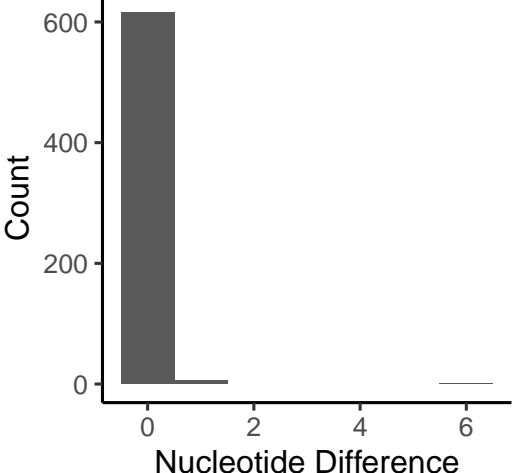
TRBV20-1\*ap02

1231 sequences assigned  
1215 (98.7%) exact matches, in which:  
1172 unique CDR3  
13 unique J



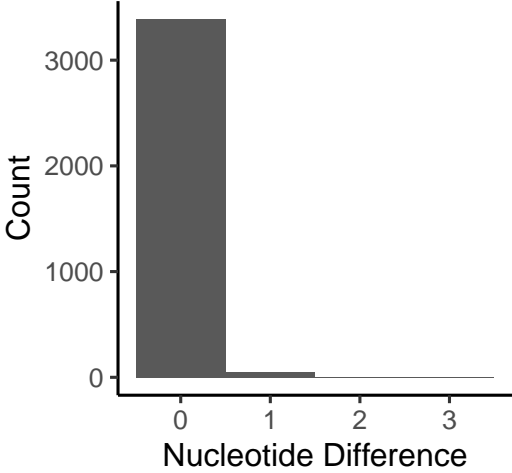
TRBV1\*ap01

623 sequences assigned  
616 (98.9%) exact matches, in which:  
599 unique CDR3  
13 unique J



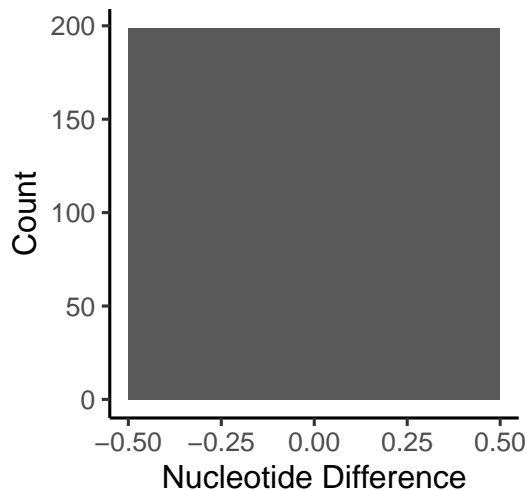
TRBV15\*ap02

3441 sequences assigned  
3389 (98.5%) exact matches, in which:  
3292 unique CDR3  
13 unique J



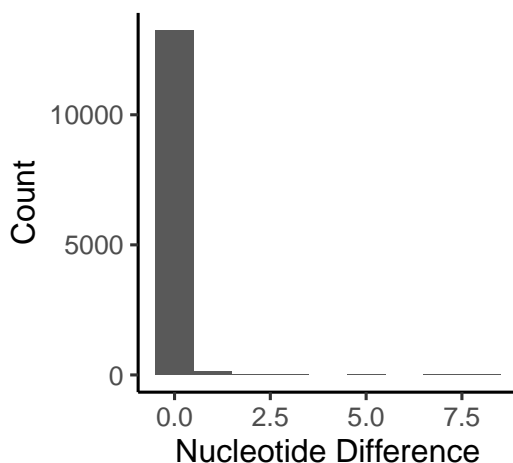
### TRBV16\*ap01

199 sequences assigned  
199 (100%) exact matches, in which:  
193 unique CDR3  
13 unique J



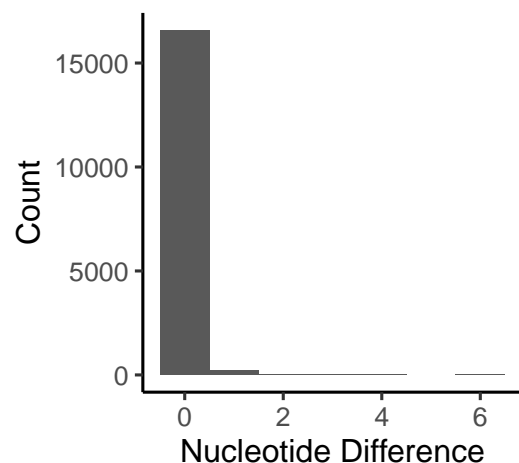
### TRBV19\*ap01

13417 sequences assigned  
13253 (98.8%) exact matches, in which:  
12964 unique CDR3  
13 unique J



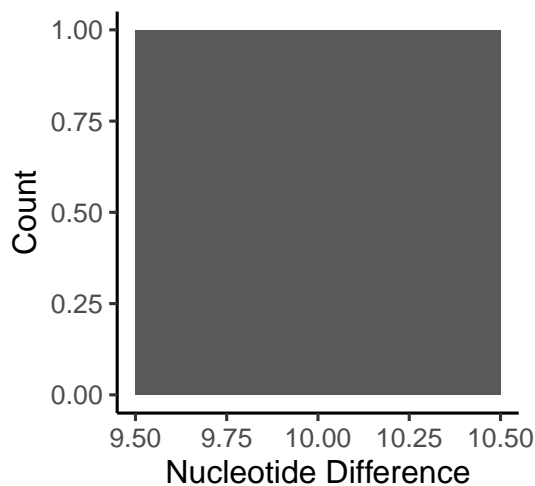
### TRBV28\*ap01

16790 sequences assigned  
16581 (98.8%) exact matches, in which:  
16078 unique CDR3  
13 unique J



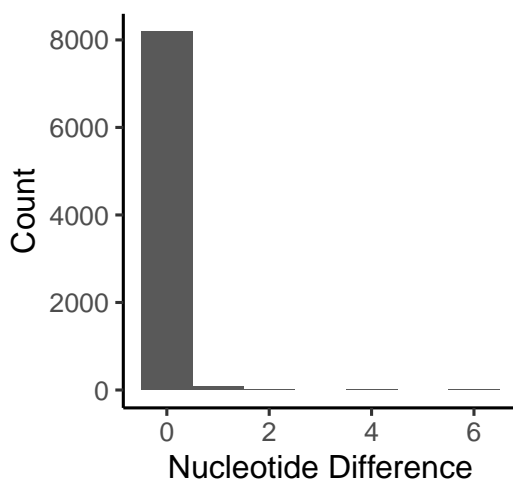
### TRBV17\*ap01

1 sequences assigned  
No exact matches.



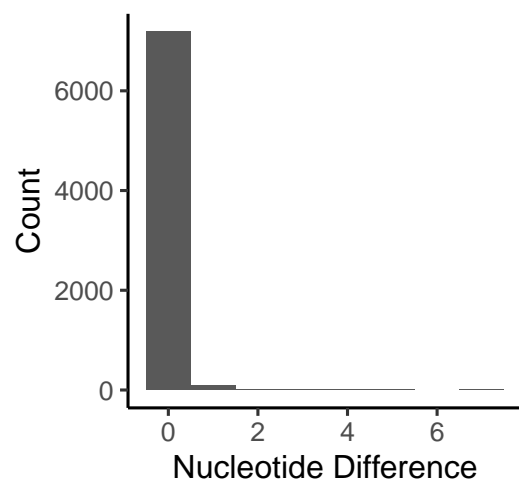
### TRBV2\*ap01

8282 sequences assigned  
8187 (98.9%) exact matches, in which:  
7981 unique CDR3  
13 unique J



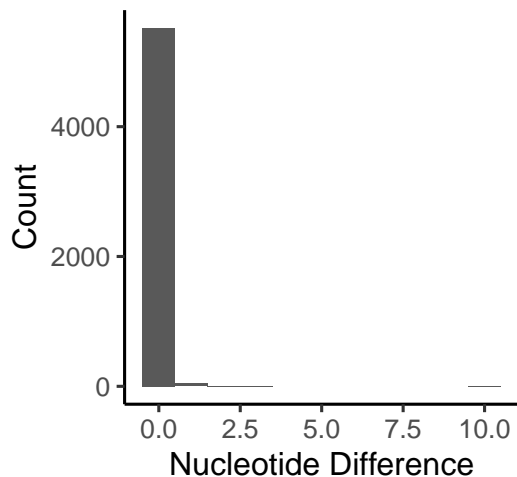
### TRBV30\*ap01

7304 sequences assigned  
7185 (98.4%) exact matches, in which:  
7074 unique CDR3  
13 unique J



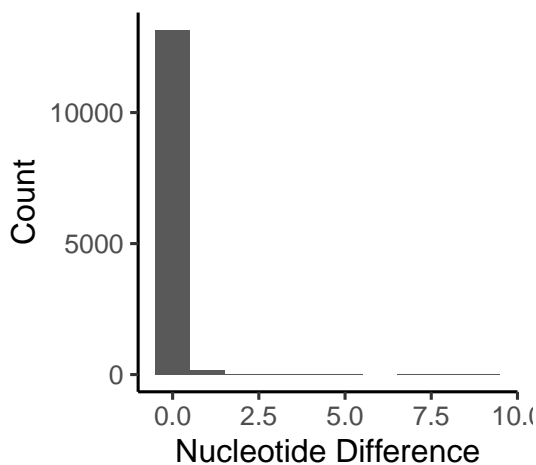
### TRBV18\*ap01

5565 sequences assigned  
5519 (99.2%) exact matches, in which:  
5379 unique CDR3  
13 unique J



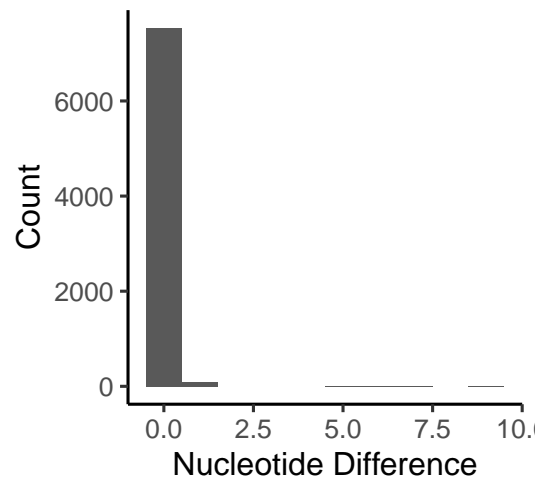
### TRBV27\*ap01

13335 sequences assigned  
13160 (98.7%) exact matches, in which:  
12699 unique CDR3  
13 unique J



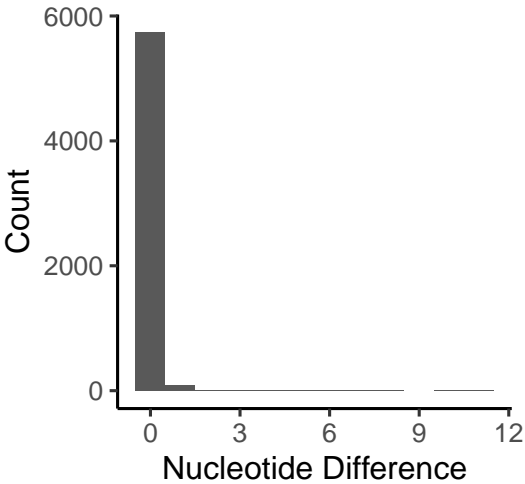
### TRBV9\*ap01

7625 sequences assigned  
7533 (98.8%) exact matches, in which:  
7316 unique CDR3  
13 unique J



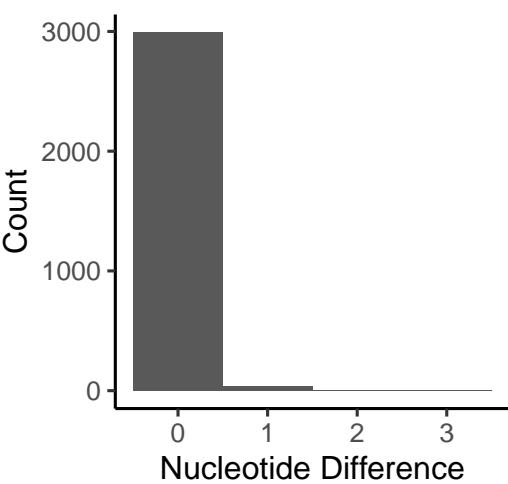
TRBV21-1\*ap01

5855 sequences assigned  
5737 (98%) exact matches, in which:  
5575 unique CDR3  
13 unique J



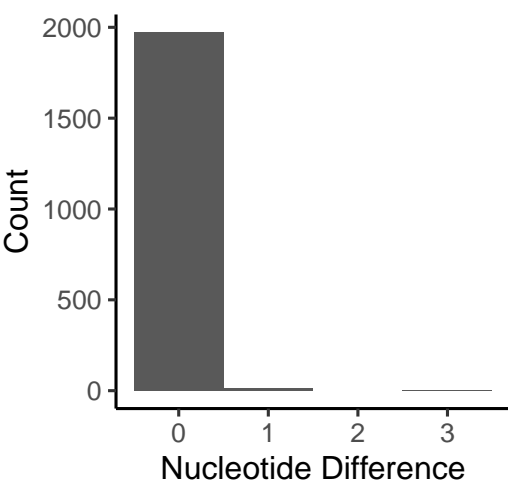
TRBV11-3\*ap01

3035 sequences assigned  
2992 (98.6%) exact matches, in which:  
2918 unique CDR3  
13 unique J



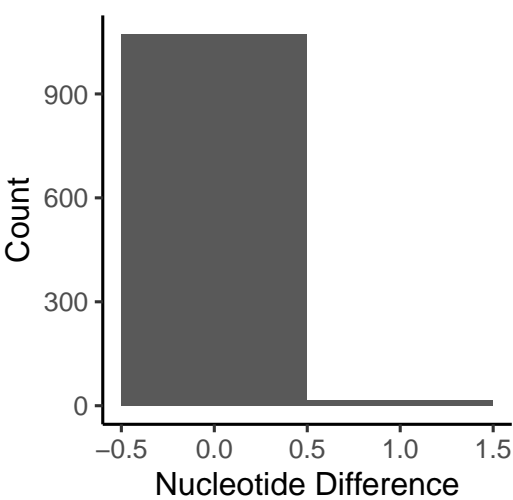
TRBV12-5\*ap01

1987 sequences assigned  
1972 (99.2%) exact matches, in which:  
1901 unique CDR3  
13 unique J



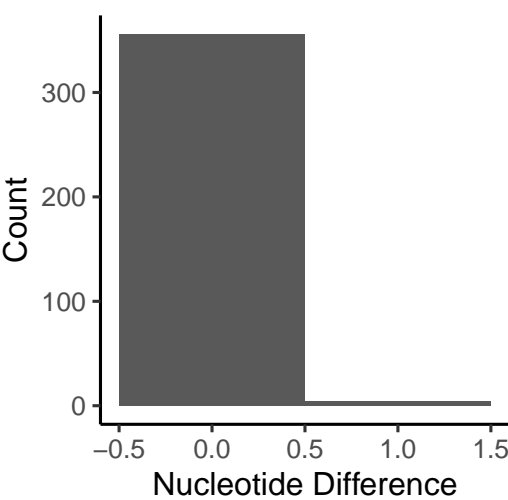
TRBV11-1\*ap01

1090 sequences assigned  
1073 (98.4%) exact matches, in which:  
1029 unique CDR3  
13 unique J



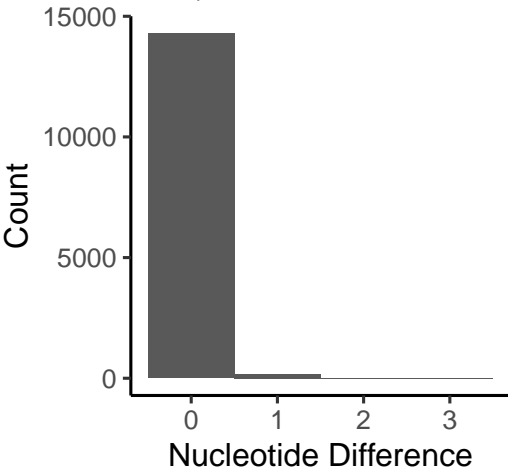
TRBV12-1\*ap01

360 sequences assigned  
356 (98.9%) exact matches, in which:  
350 unique CDR3  
13 unique J



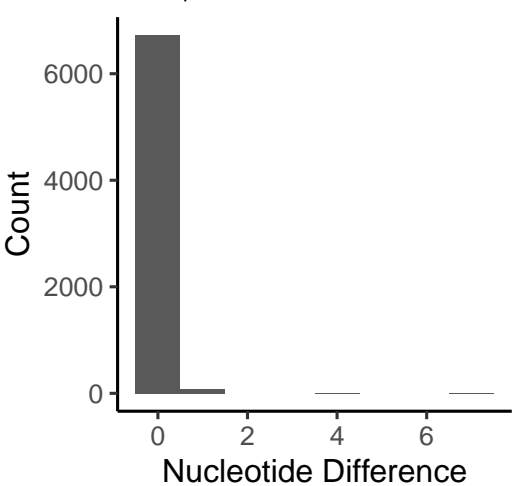
TRBV12-34\*ap01

14461 sequences assigned  
14287 (98.8%) exact matches, in which:  
13853 unique CDR3  
13 unique J



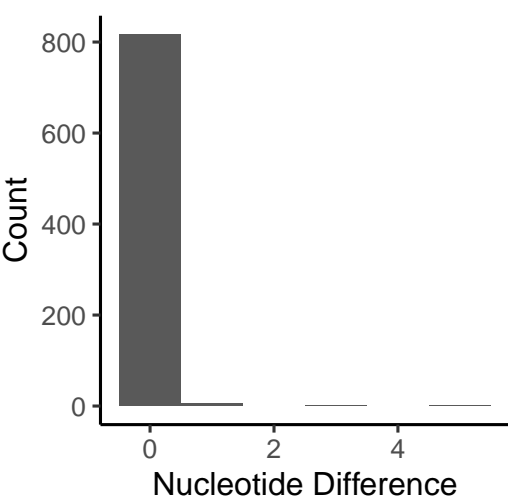
TRBV11-2\*ap01

6810 sequences assigned  
6726 (98.8%) exact matches, in which:  
6513 unique CDR3  
13 unique J



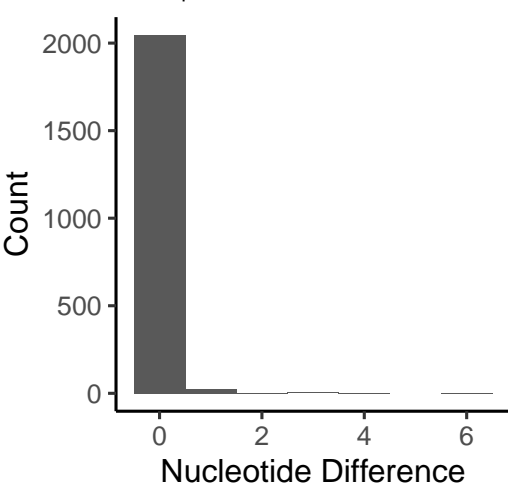
TRBV12-2\*ap01

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



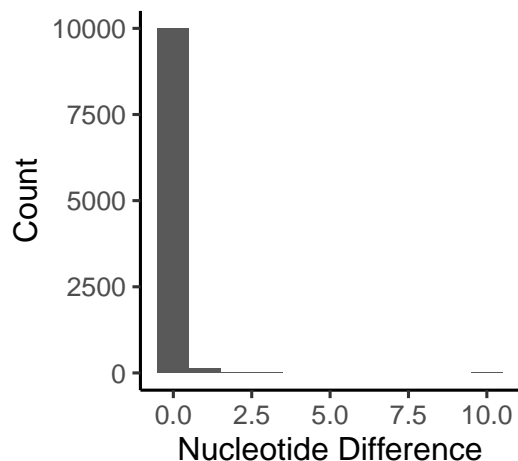
TRBV23-1\*ap01

2078 sequences assigned  
2046 (98.5%) exact matches, in which:  
1985 unique CDR3  
13 unique J



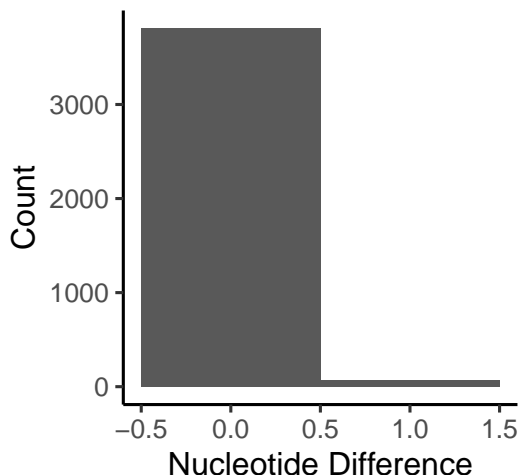
### TRBV3–12\*ap01

10150 sequences assigned  
10006 (98.6%) exact matches, in which:  
9720 unique CDR3  
13 unique J



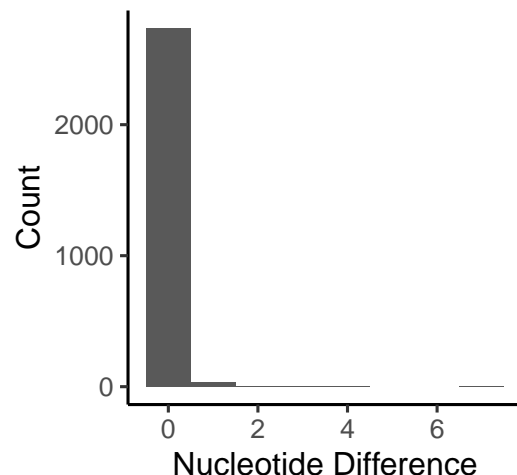
### TRBV4–2\*ap01

3874 sequences assigned  
3809 (98.3%) exact matches, in which:  
3699 unique CDR3  
13 unique J



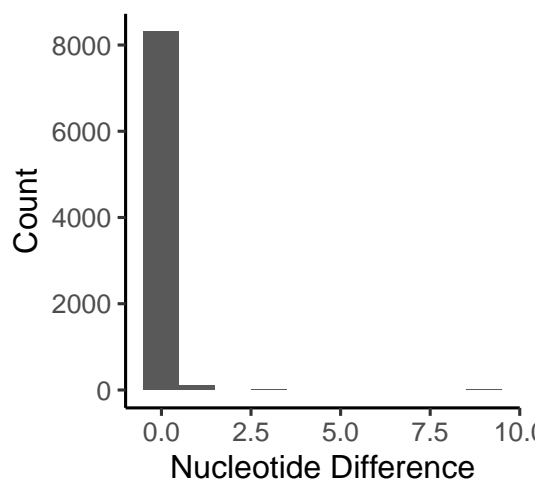
### TRBV25–1\*ap01

2777 sequences assigned  
2735 (98.5%) exact matches, in which:  
2678 unique CDR3  
13 unique J



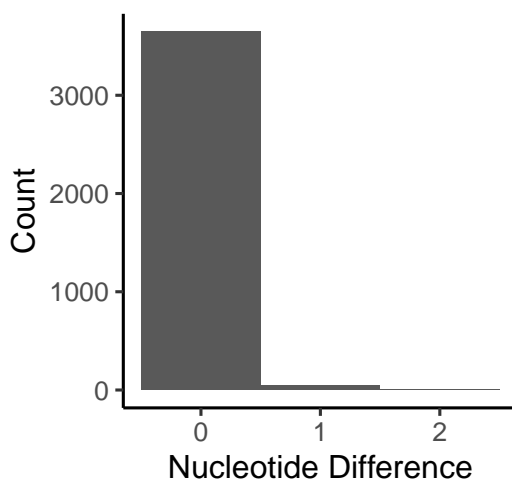
### TRBV4–1\*ap01

8410 sequences assigned  
8308 (98.8%) exact matches, in which:  
8057 unique CDR3  
13 unique J



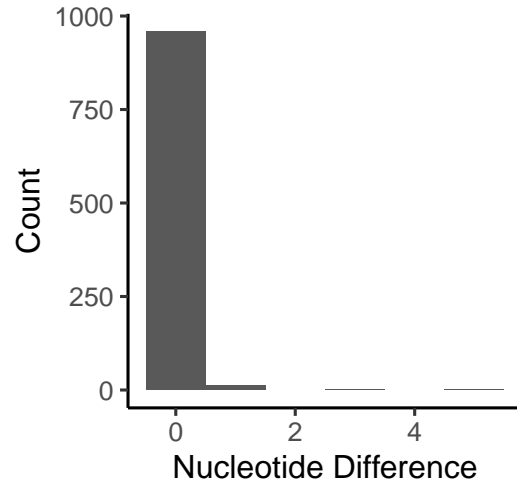
### TRBV4–3\*ap01

3696 sequences assigned  
3647 (98.7%) exact matches, in which:  
3559 unique CDR3  
13 unique J



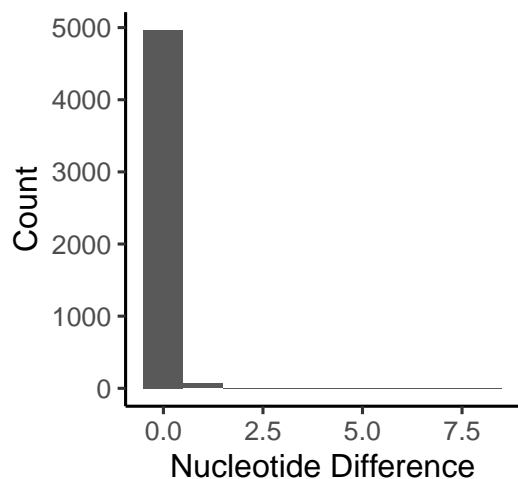
### TRBV5–3\*ap01

974 sequences assigned  
958 (98.4%) exact matches, in which:  
926 unique CDR3  
13 unique J



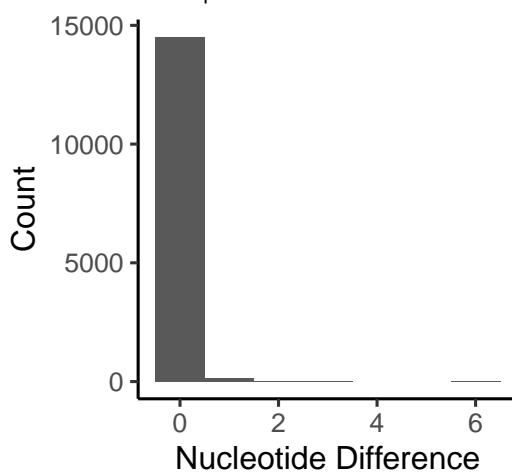
### TRBV24–1\*ap01

5053 sequences assigned  
4966 (98.3%) exact matches, in which:  
4844 unique CDR3  
13 unique J



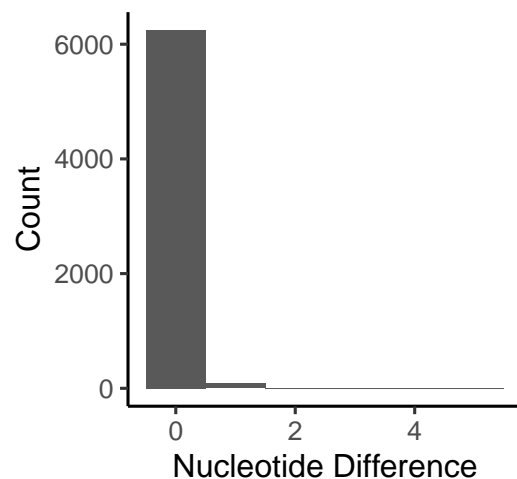
### TRBV5–1\*ap01

14678 sequences assigned  
14518 (98.9%) exact matches, in which:  
14055 unique CDR3  
13 unique J



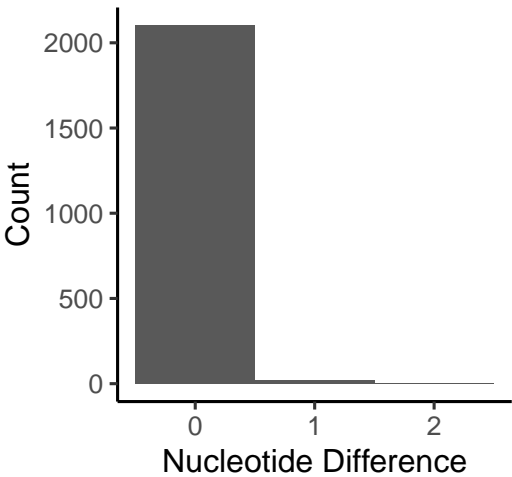
### TRBV5–4\*ap01

6334 sequences assigned  
6247 (98.6%) exact matches, in which:  
6053 unique CDR3  
13 unique J



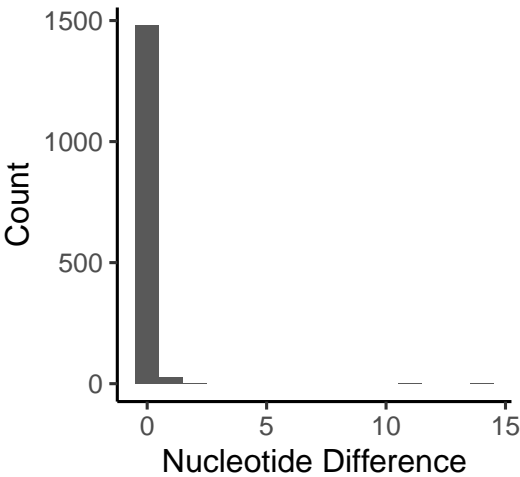
TRBV5-5\*ap01

2124 sequences assigned  
2102 (99%) exact matches, in which:  
2072 unique CDR3  
13 unique J



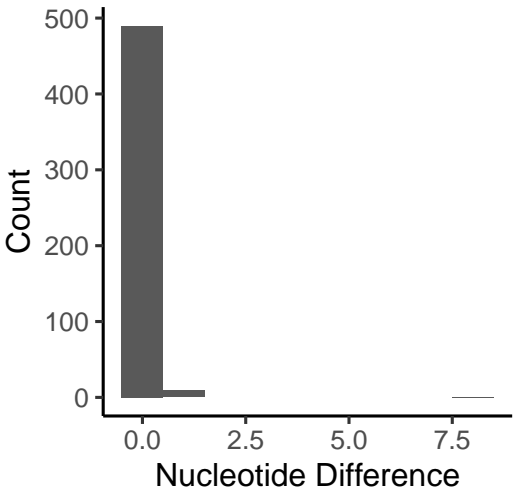
TRBV5-8\*ap01

1510 sequences assigned  
1480 (98%) exact matches, in which:  
1447 unique CDR3  
13 unique J



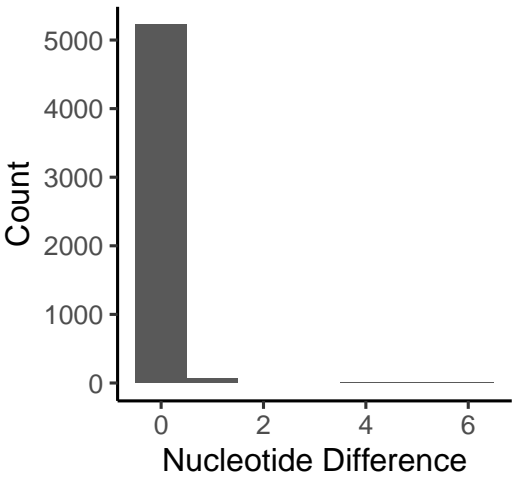
TRBV6-7\*ap01

500 sequences assigned  
490 (98%) exact matches, in which:  
475 unique CDR3  
13 unique J



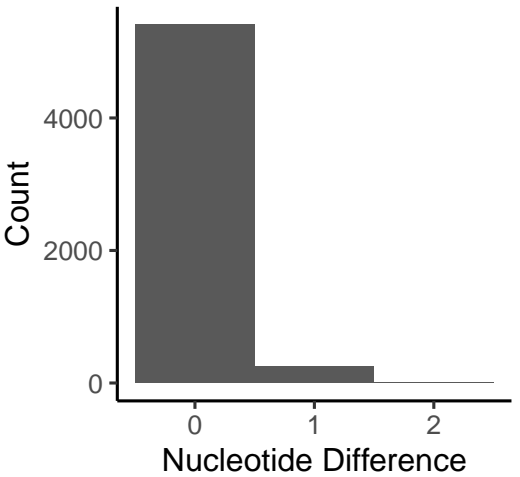
TRBV5-6\*ap01

5293 sequences assigned  
5223 (98.7%) exact matches, in which:  
5092 unique CDR3  
13 unique J



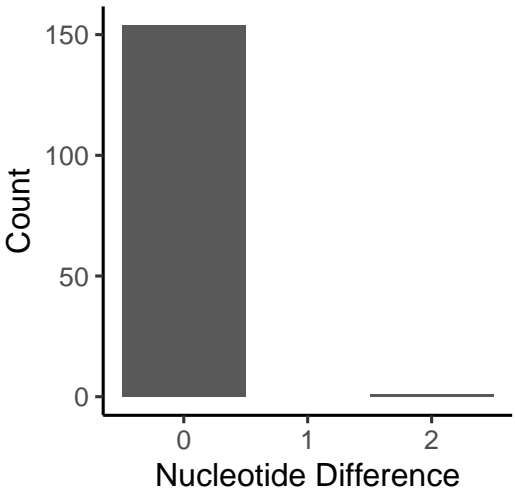
TRBV6-1\*ap01

5655 sequences assigned  
5407 (95.6%) exact matches, in which:  
5242 unique CDR3  
13 unique J



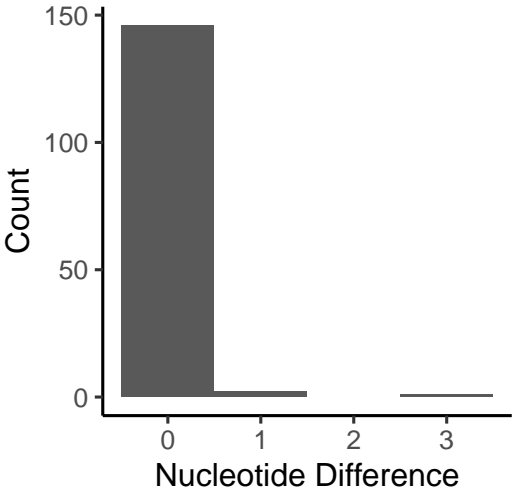
TRBV6-8\*ap01

155 sequences assigned  
154 (99.4%) exact matches, in which:  
151 unique CDR3  
13 unique J



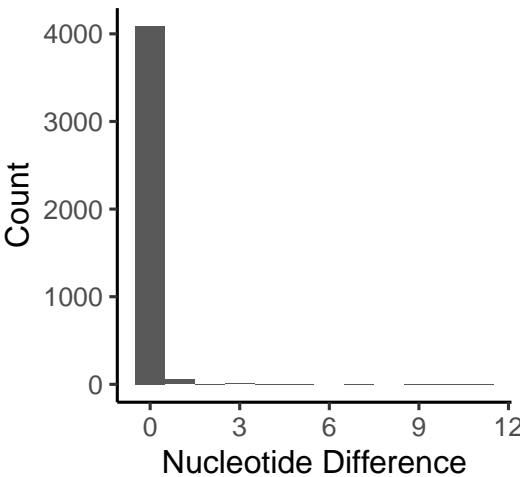
TRBV5-7\*ap01

149 sequences assigned  
146 (98%) exact matches, in which:  
142 unique CDR3  
13 unique J



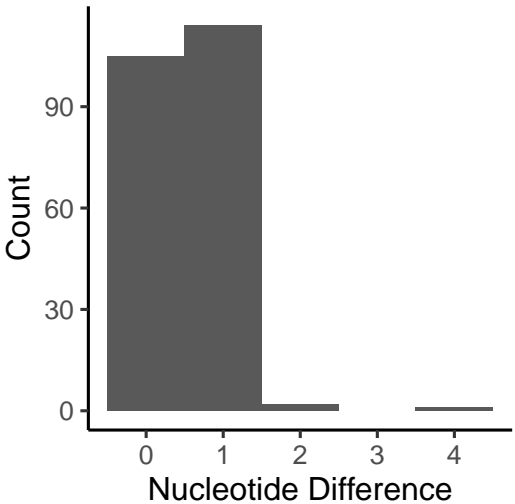
TRBV6-4\*ap01

4167 sequences assigned  
4089 (98.1%) exact matches, in which:  
4004 unique CDR3  
13 unique J



TRBV6-9\*ap01

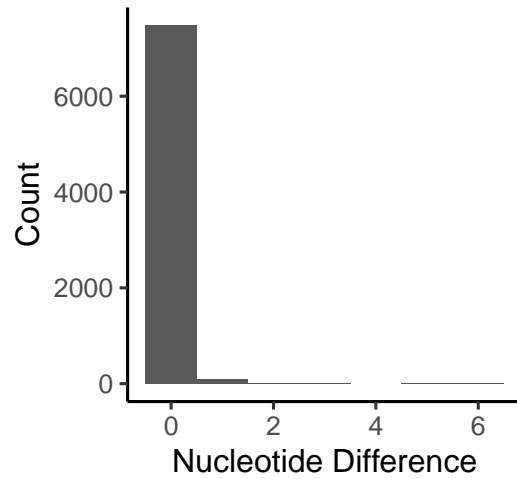
222 sequences assigned  
105 (47.3%) exact matches, in which:  
101 unique CDR3  
12 unique J





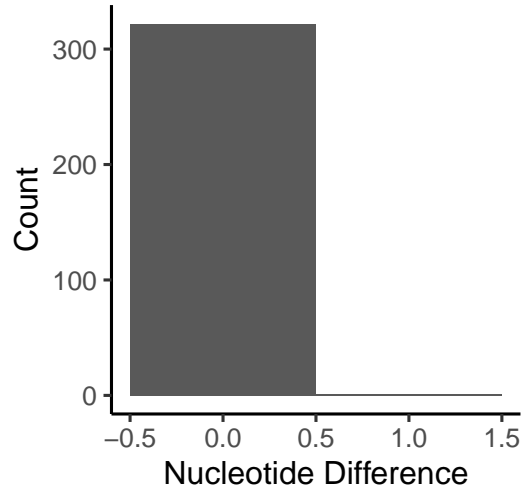
### TRBV6-23\*ap01

7571 sequences assigned  
7478 (98.8%) exact matches, in which:  
7259 unique CDR3  
13 unique J



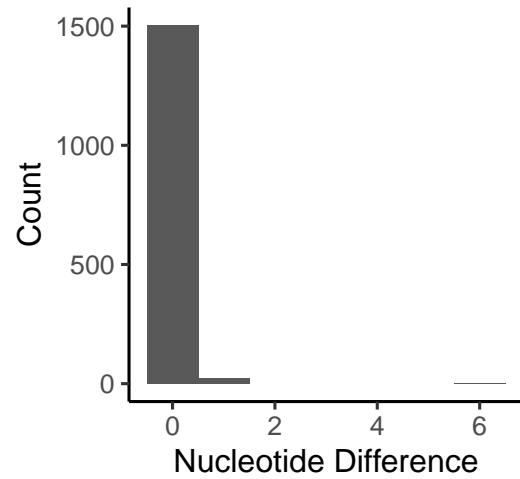
### TRBV7-1\*ap01\_G291C\_

323 sequences assigned  
322 (99.7%) exact matches, in which:  
313 unique CDR3  
13 unique J



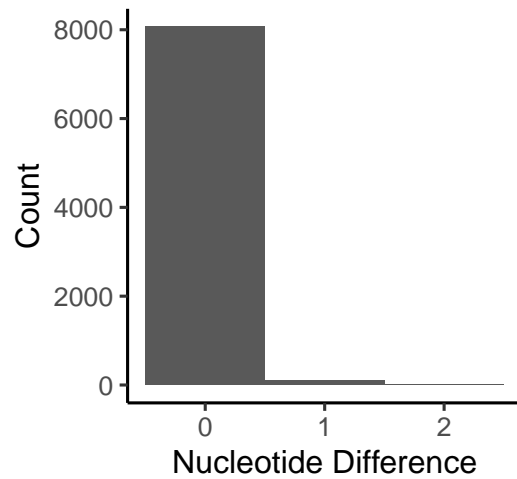
### TRBV7-3\*ap03

1528 sequences assigned  
1503 (98.4%) exact matches, in which:  
1450 unique CDR3  
13 unique J



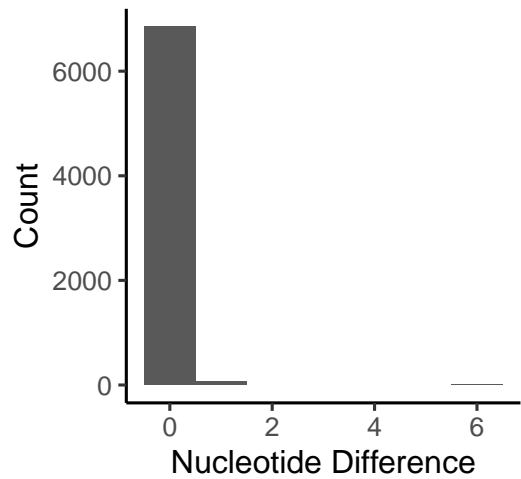
### TRBV6-56\*ap01

8181 sequences assigned  
8068 (98.6%) exact matches, in which:  
7847 unique CDR3  
13 unique J



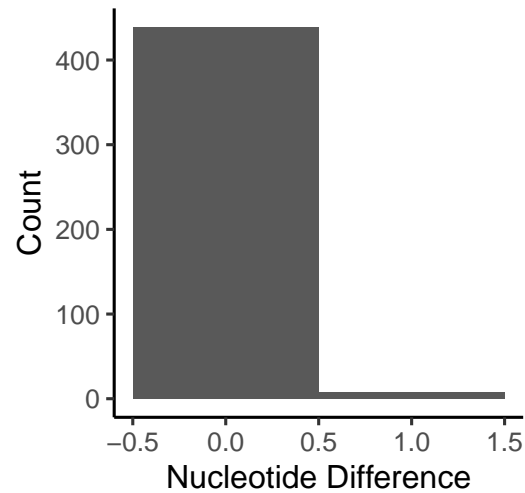
### TRBV7-2\*ap01

6918 sequences assigned  
6850 (99%) exact matches, in which:  
6667 unique CDR3  
13 unique J



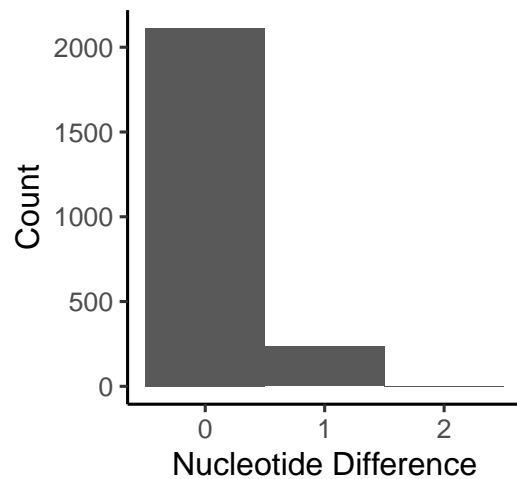
### TRBV7-4\*ap01

447 sequences assigned  
439 (98.2%) exact matches, in which:  
421 unique CDR3  
13 unique J



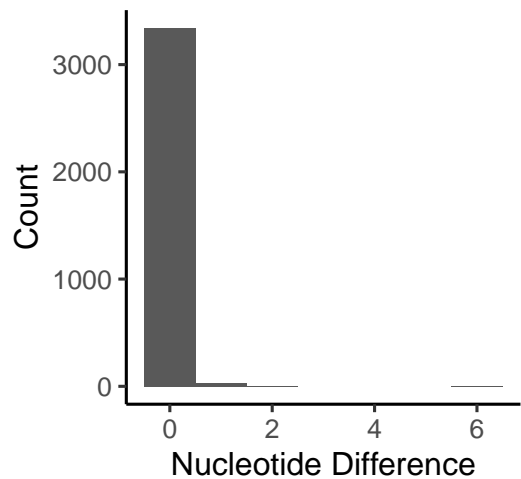
### TRBV6-56\*ap02

2349 sequences assigned  
2113 (90%) exact matches, in which:  
2066 unique CDR3  
13 unique J



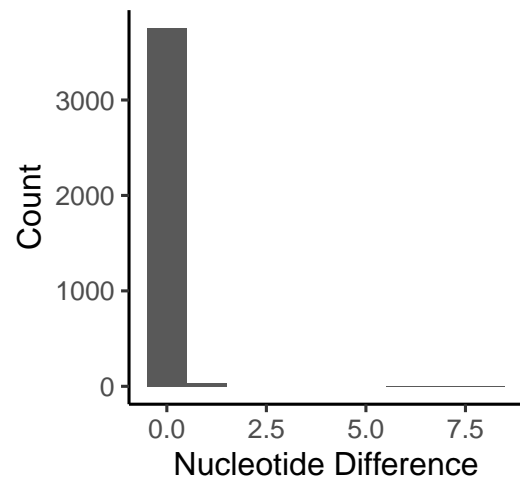
### TRBV7-3\*ap01

3373 sequences assigned  
3341 (99.1%) exact matches, in which:  
3257 unique CDR3  
13 unique J



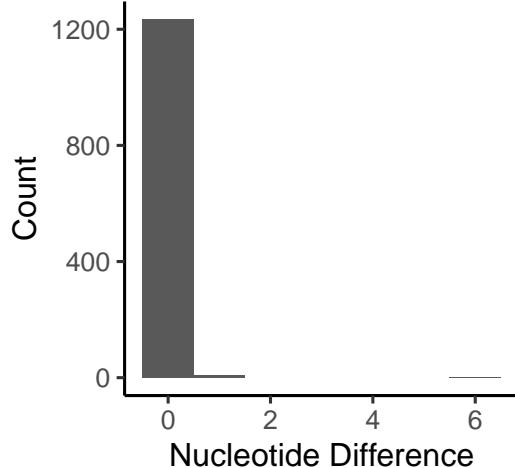
### TRBV7-6\*ap01

3792 sequences assigned  
3754 (99%) exact matches, in which:  
3642 unique CDR3  
13 unique J



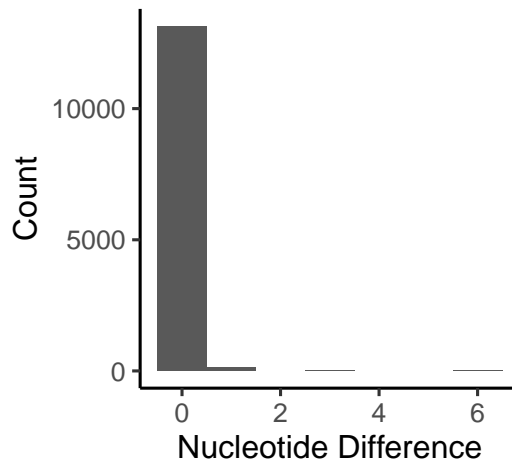
### TRBV7-7\*ap01

1242 sequences assigned  
1234 (99.4%) exact matches, in which:  
1207 unique CDR3  
13 unique J



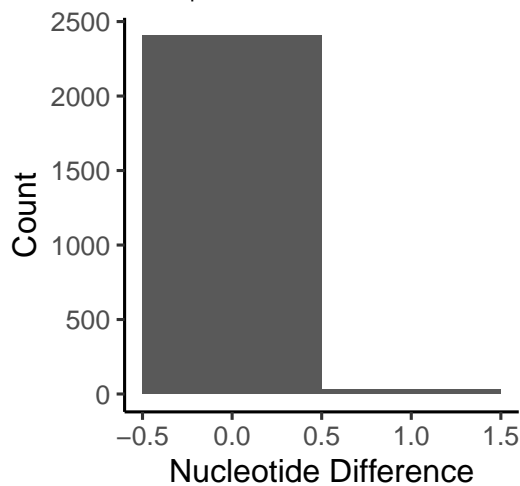
### TRBV7-9\*ap01

13278 sequences assigned  
13144 (99%) exact matches, in which:  
12810 unique CDR3  
13 unique J



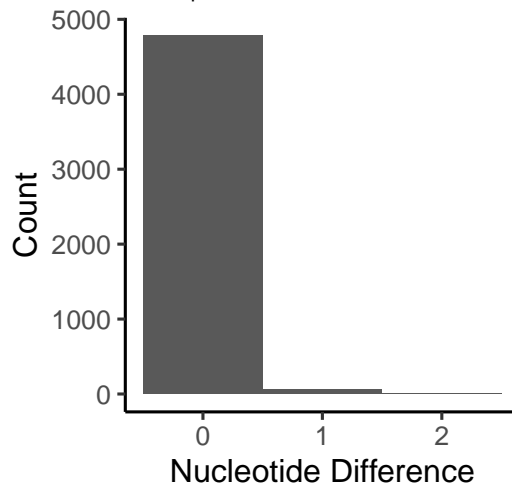
### TRBV7-8\*ap01

2438 sequences assigned  
2405 (98.6%) exact matches, in which:  
2324 unique CDR3  
13 unique J



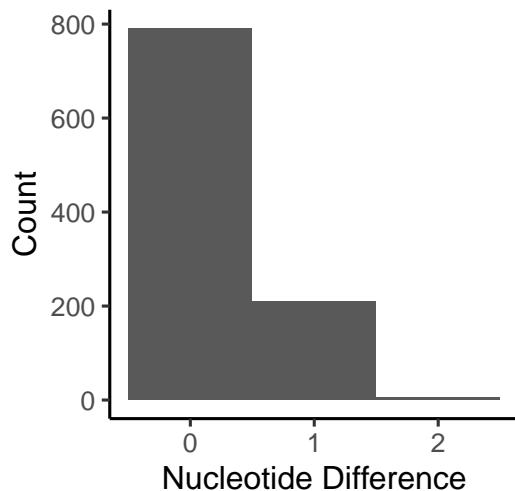
### TRBV29-1\*ap01

4842 sequences assigned  
4781 (98.7%) exact matches, in which:  
4663 unique CDR3  
13 unique J



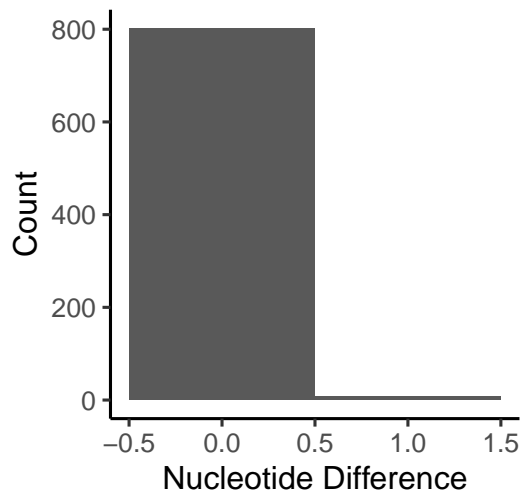
### TRBV7-8\*ap03

1006 sequences assigned  
791 (78.6%) exact matches, in which:  
757 unique CDR3  
13 unique J

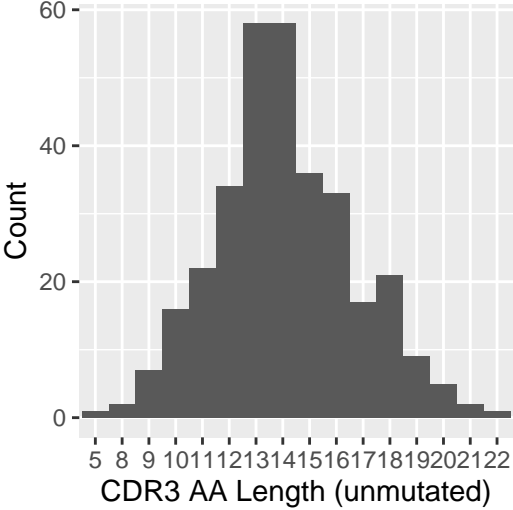


### TRBV29-1\*ap02

810 sequences assigned  
802 (99%) exact matches, in which:  
787 unique CDR3  
13 unique J



TRBV7-1\*ap01\_G291C\_T296C\_C314T





Warning – no inferred sequences found.

Warning – no inferred sequences found.