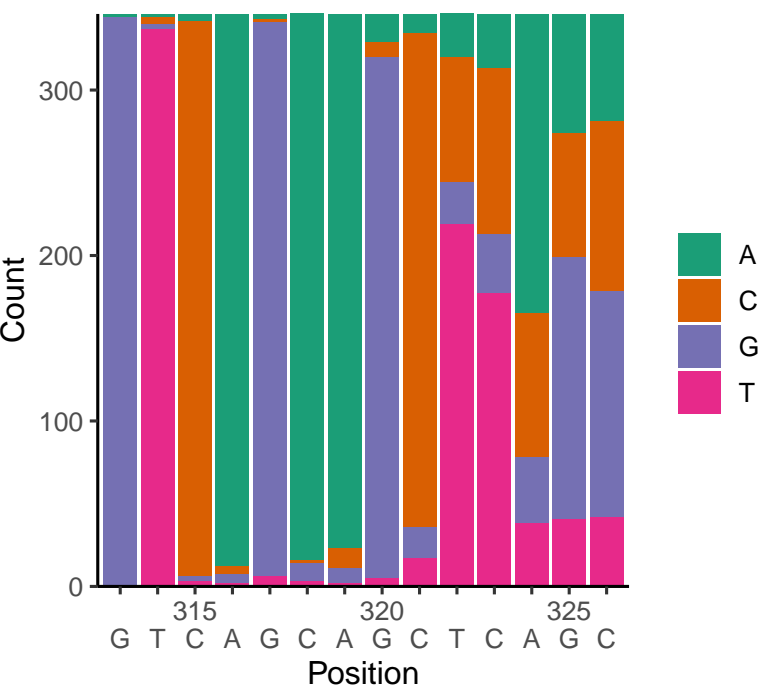


Gene TRBV7-1\*ap01\_T296C\_C314T



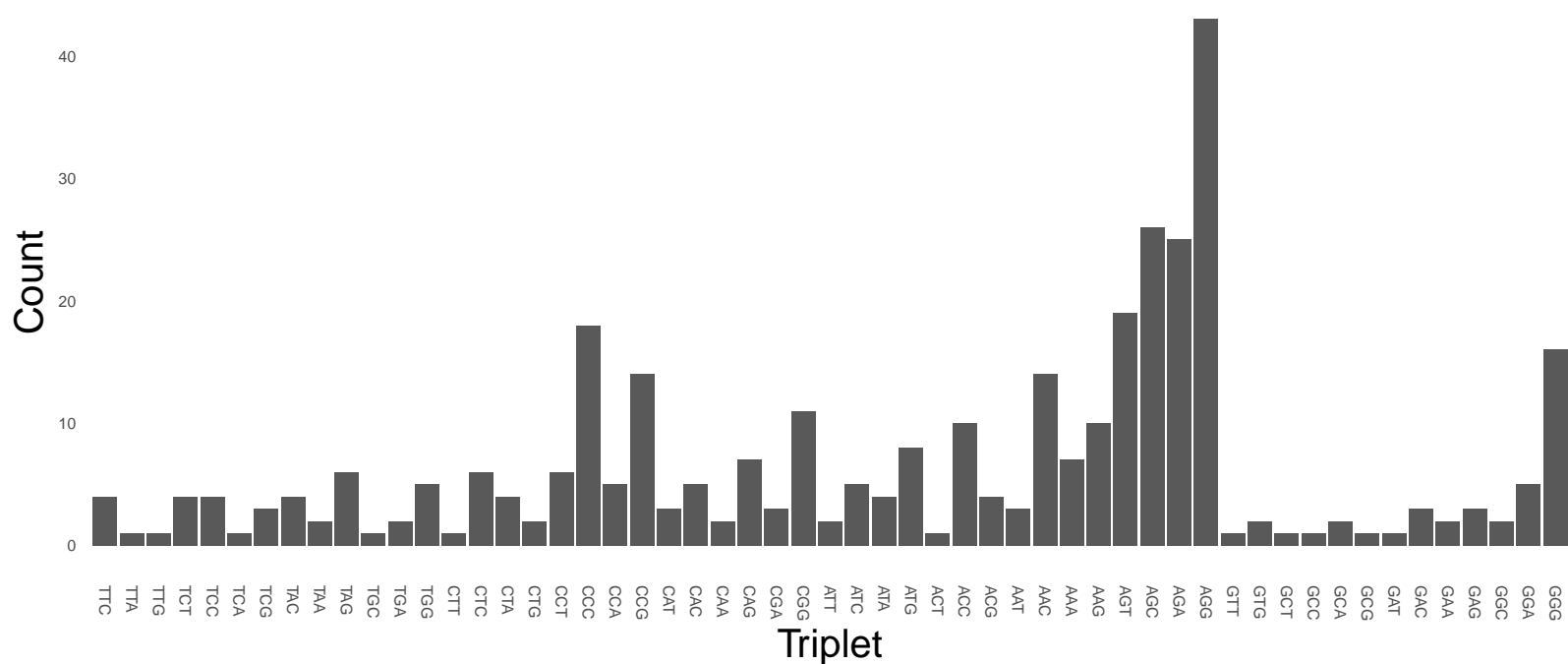
Gene TRBV7-1\*ap01\_T296C\_C314T



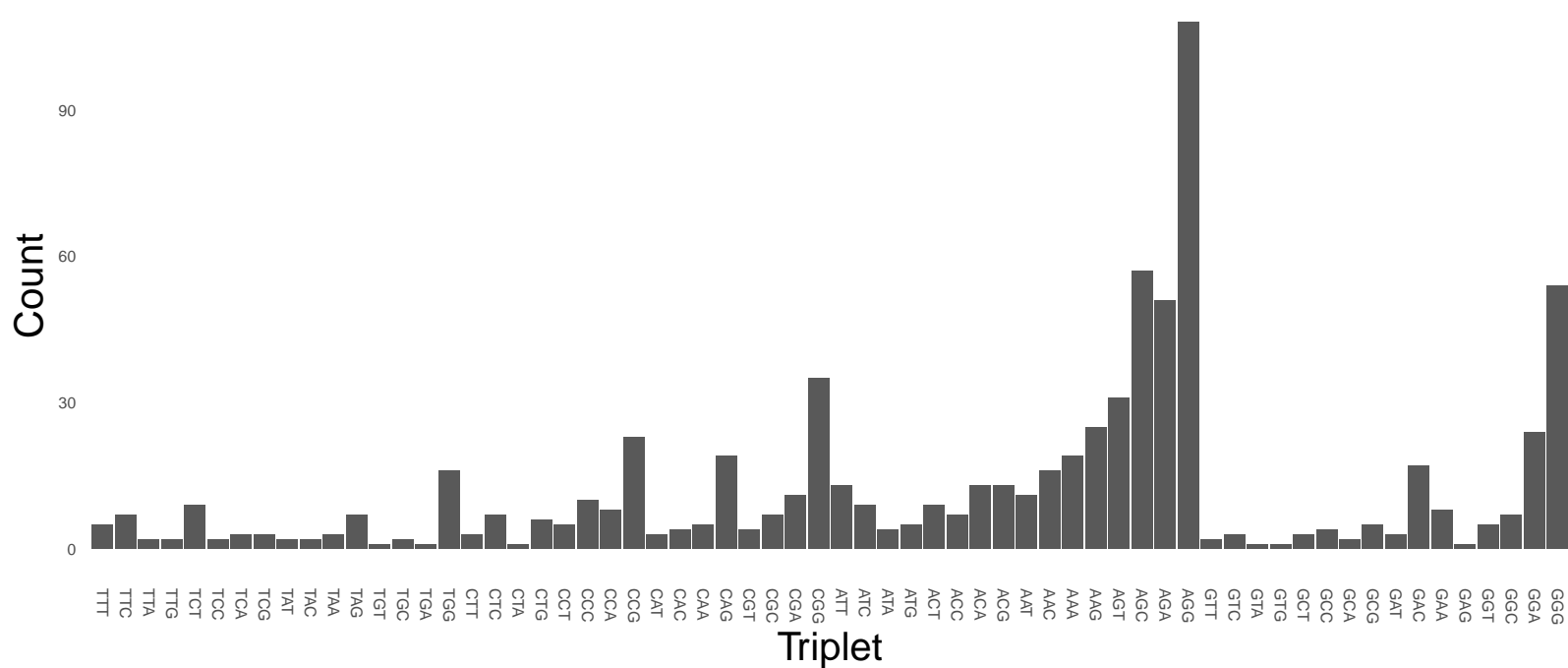
Gene TRBV7-7\*ap01\_C315T



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

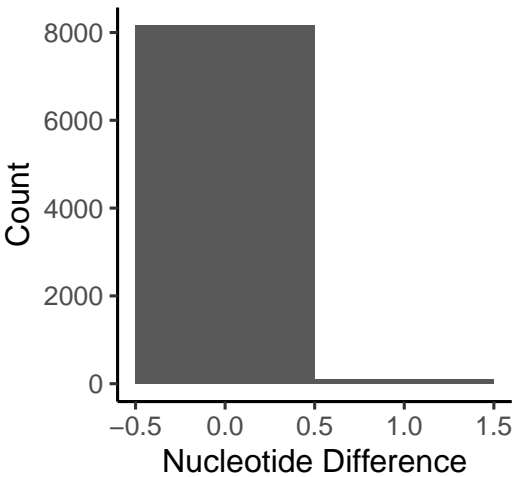


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



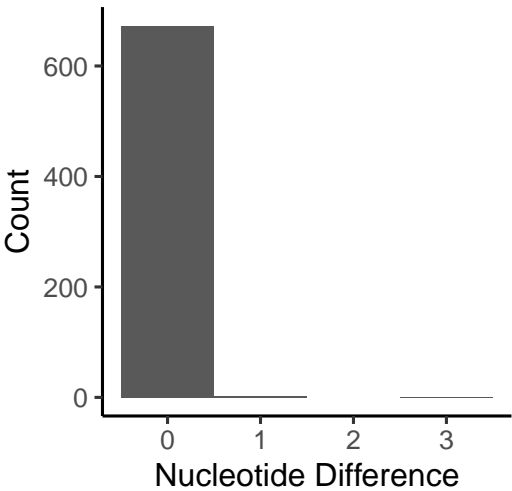
TRBV20-1\*ap01

8266 sequences assigned  
8162 (98.7%) exact matches, in which:  
8025 unique CDR3  
13 unique J



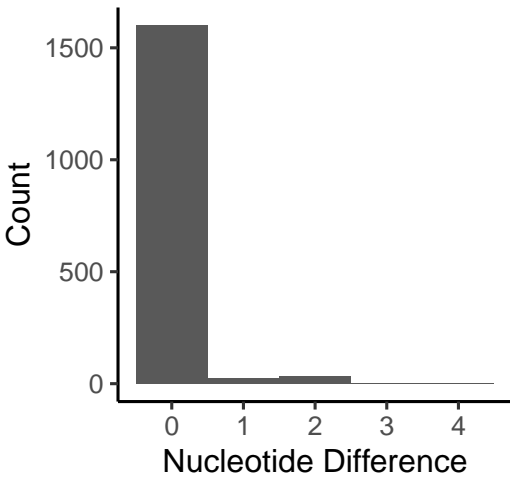
TRBV10-2\*ap01

677 sequences assigned  
673 (99.4%) exact matches, in which:  
660 unique CDR3  
13 unique J



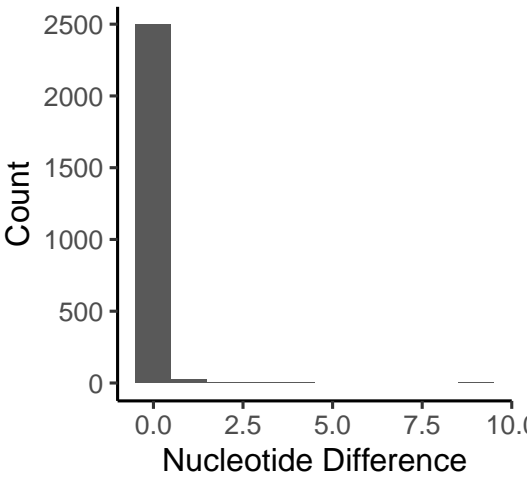
TRBV13\*ap01

1659 sequences assigned  
1600 (96.4%) exact matches, in which:  
1562 unique CDR3  
13 unique J



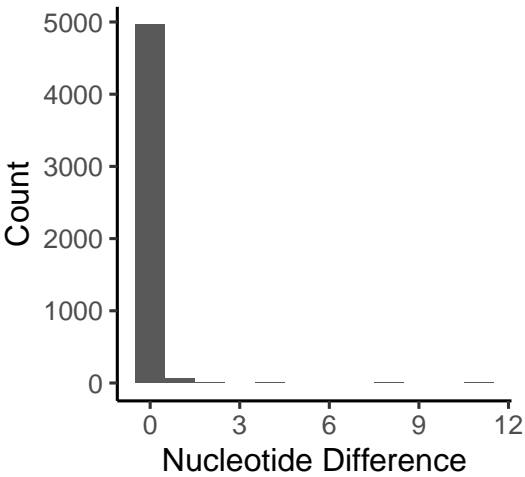
TRBV10-1\*ap01

2527 sequences assigned  
2496 (98.8%) exact matches, in which:  
2430 unique CDR3  
13 unique J



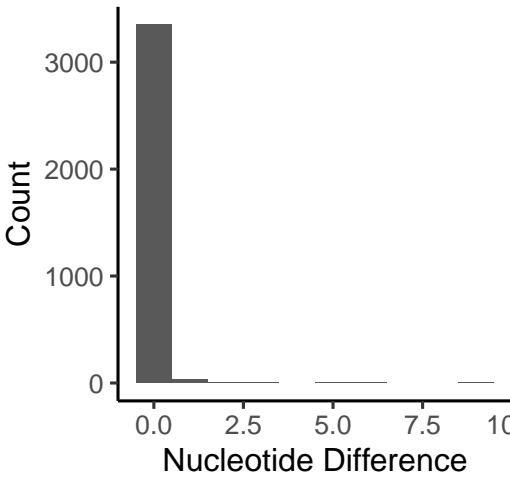
TRBV10-3\*ap01

5026 sequences assigned  
4962 (98.7%) exact matches, in which:  
4887 unique CDR3  
13 unique J



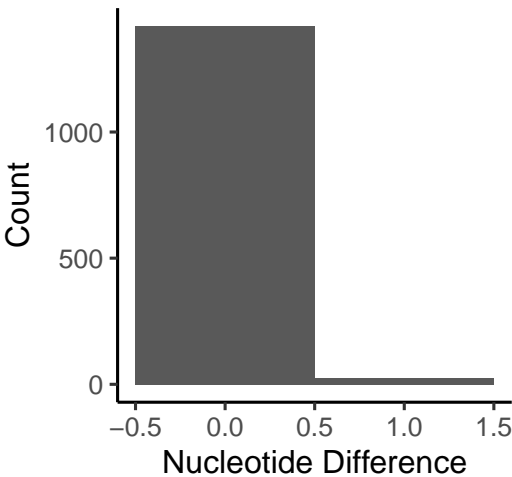
TRBV14\*ap01

3389 sequences assigned  
3350 (98.8%) exact matches, in which:  
3290 unique CDR3  
13 unique J



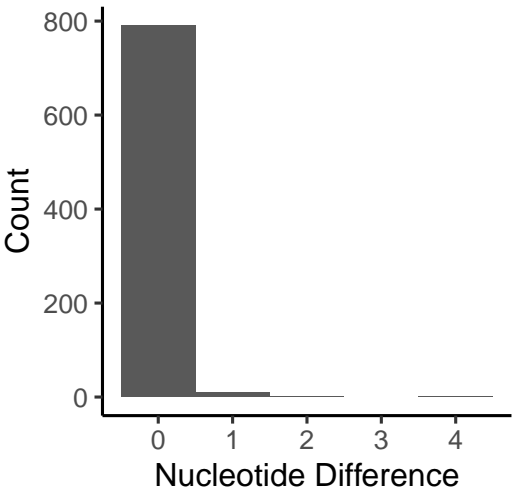
TRBV20-1\*ap02

1444 sequences assigned  
1420 (98.3%) exact matches, in which:  
1387 unique CDR3  
13 unique J



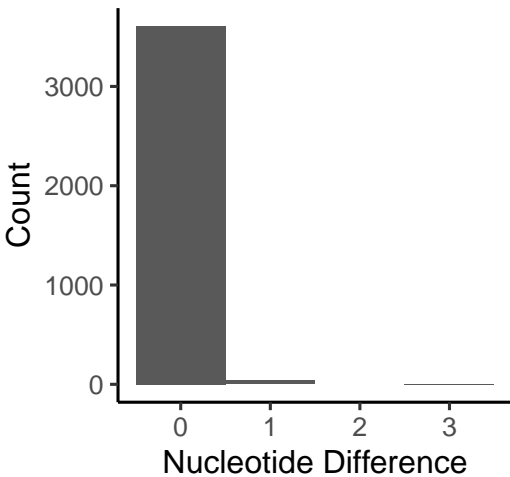
TRBV1\*ap01

803 sequences assigned  
791 (98.5%) exact matches, in which:  
774 unique CDR3  
13 unique J



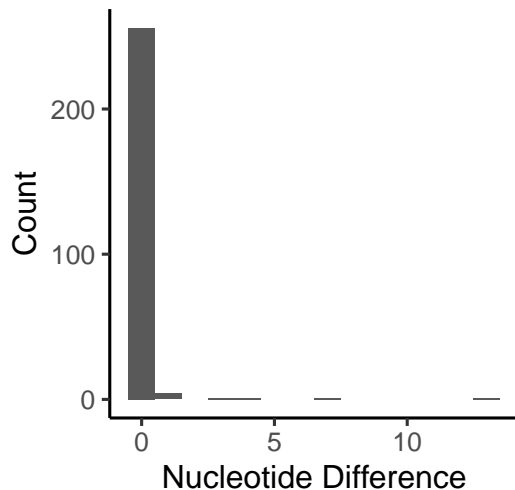
TRBV15\*ap02

3646 sequences assigned  
3608 (99%) exact matches, in which:  
3536 unique CDR3  
13 unique J



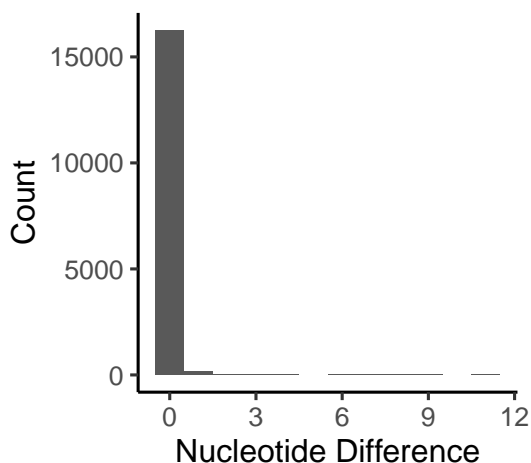
### TRBV16\*ap01

264 sequences assigned  
256 (97%) exact matches, in which:  
252 unique CDR3  
13 unique J



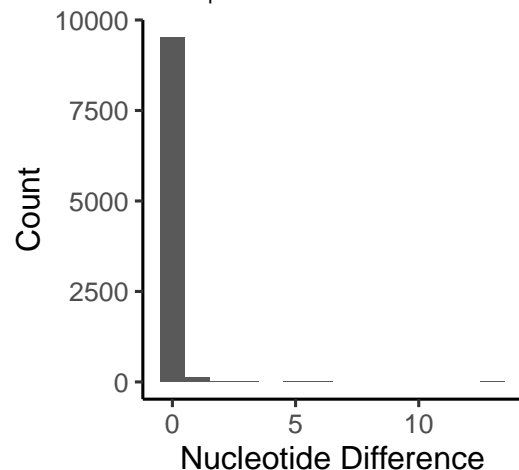
### TRBV19\*ap01

16440 sequences assigned  
16262 (98.9%) exact matches, in which:  
16090 unique CDR3  
13 unique J



### TRBV27\*ap01

9674 sequences assigned  
9526 (98.5%) exact matches, in which:  
9283 unique CDR3  
13 unique J



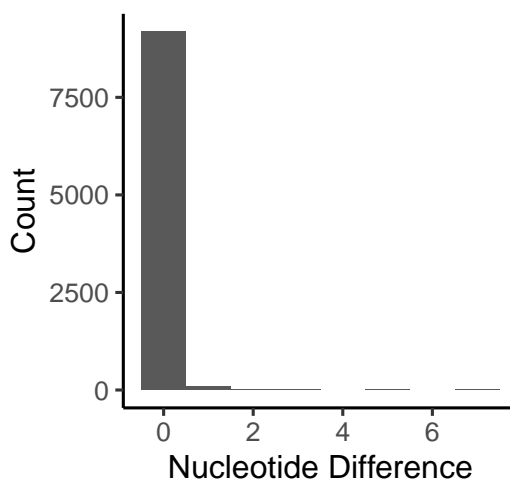
### TRBV17\*ap01

1 sequences assigned  
No exact matches.



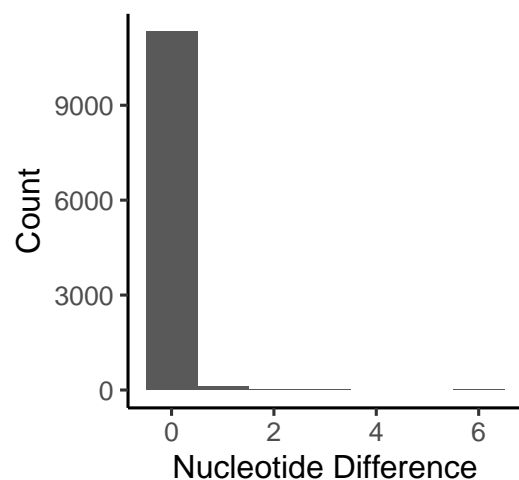
### TRBV2\*ap01

9279 sequences assigned  
9182 (99%) exact matches, in which:  
8992 unique CDR3  
13 unique J



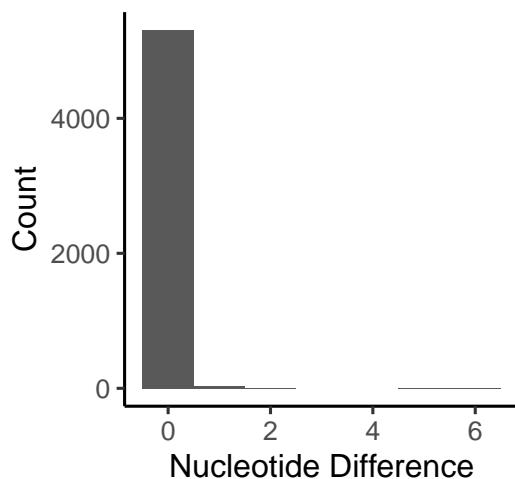
### TRBV28\*ap01

11451 sequences assigned  
11324 (98.9%) exact matches, in which:  
11120 unique CDR3  
13 unique J



### TRBV18\*ap01

5352 sequences assigned  
5308 (99.2%) exact matches, in which:  
5235 unique CDR3  
13 unique J



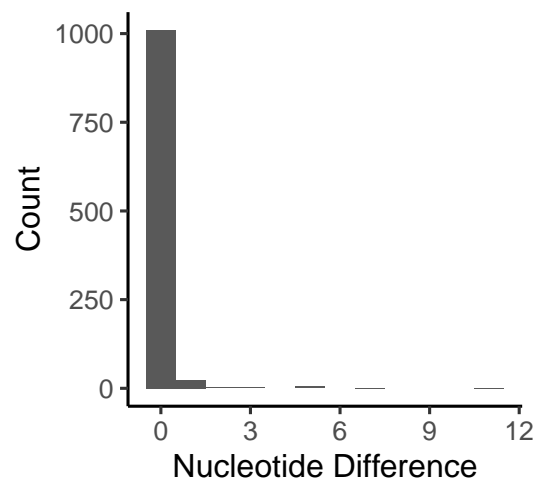
### TRBV26\*ap01

1 sequences assigned  
No exact matches.



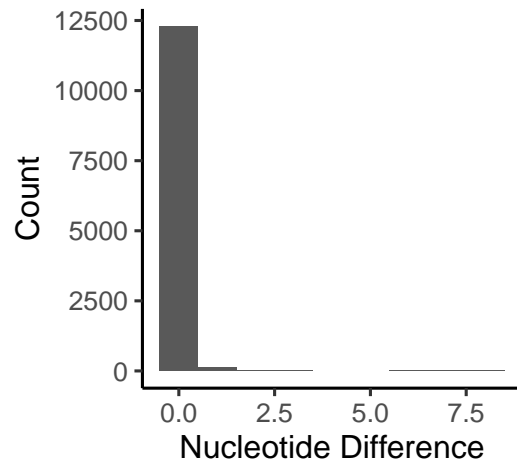
### TRBV30\*ap02

1044 sequences assigned  
1010 (96.7%) exact matches, in which:  
987 unique CDR3  
13 unique J



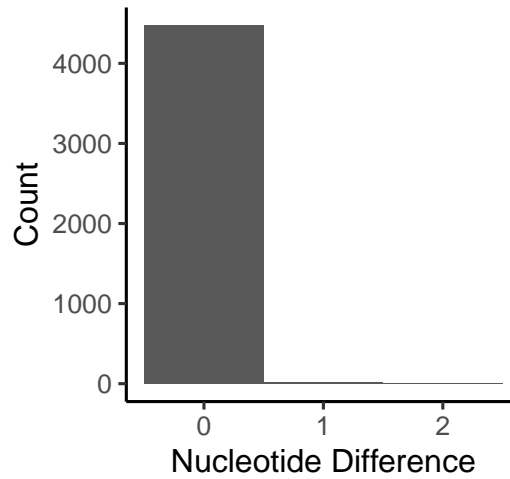
### TRBV9\*ap01

12422 sequences assigned  
12299 (99%) exact matches, in which:  
12117 unique CDR3  
13 unique J



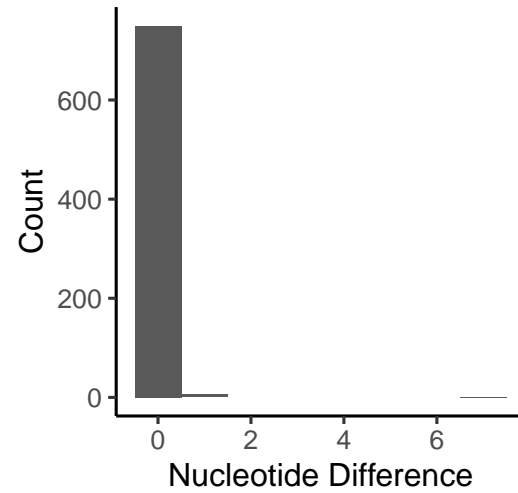
### TRBV11-2\*ap01

4501 sequences assigned  
4474 (99.4%) exact matches, in which:  
4417 unique CDR3  
13 unique J



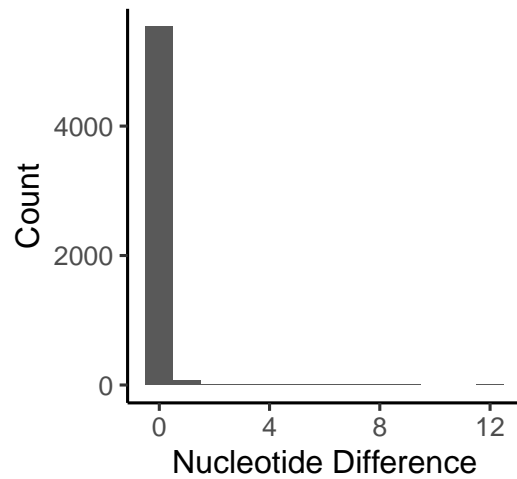
### TRBV12-2\*ap01

757 sequences assigned  
750 (99.1%) exact matches, in which:  
737 unique CDR3  
13 unique J



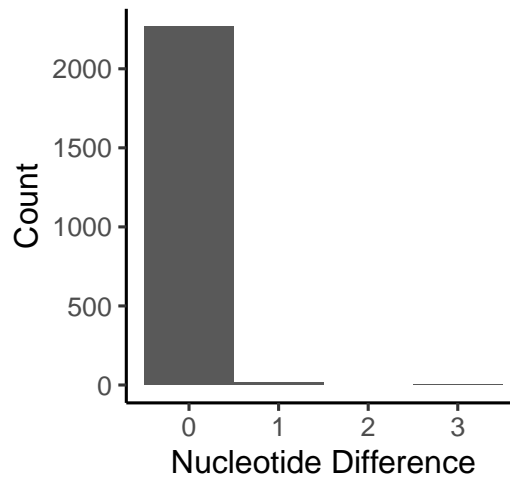
### TRBV21-1\*ap01

5631 sequences assigned  
5535 (98.3%) exact matches, in which:  
5435 unique CDR3  
13 unique J



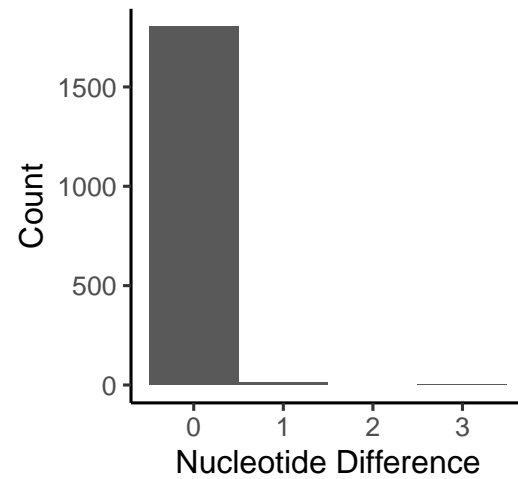
### TRBV11-3\*ap01

2285 sequences assigned  
2266 (99.2%) exact matches, in which:  
2243 unique CDR3  
13 unique J



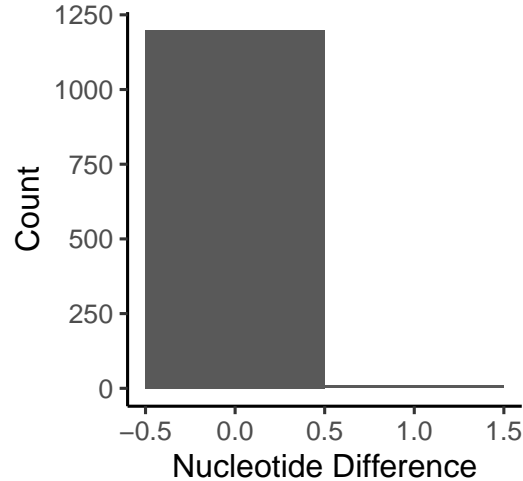
### TRBV12-5\*ap01

1819 sequences assigned  
1803 (99.1%) exact matches, in which:  
1766 unique CDR3  
13 unique J



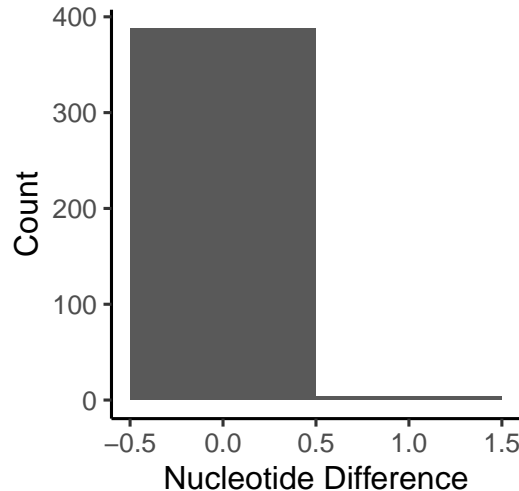
### TRBV11-1\*ap01

1209 sequences assigned  
1199 (99.2%) exact matches, in which:  
1187 unique CDR3  
13 unique J



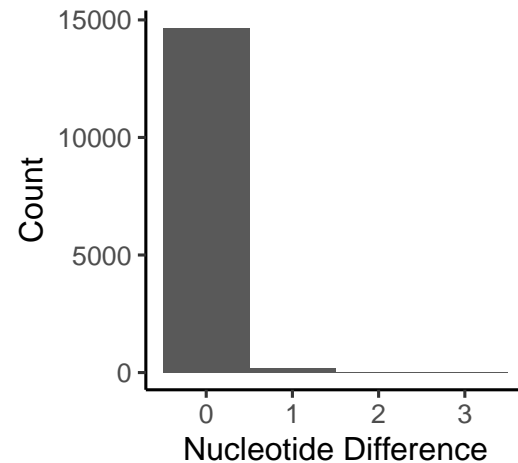
### TRBV12-1\*ap01

392 sequences assigned  
388 (99%) exact matches, in which:  
380 unique CDR3  
13 unique J



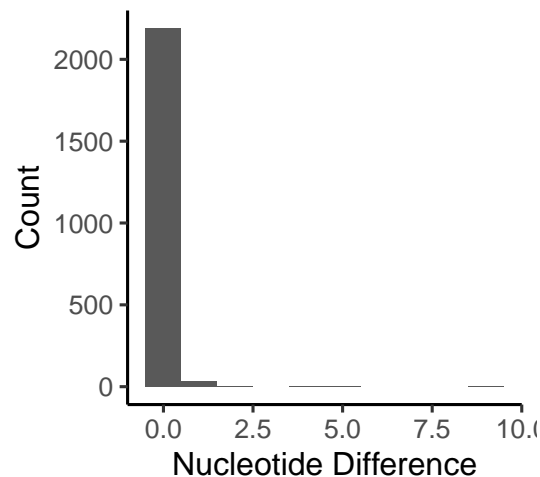
### TRBV12-34\*ap01

14845 sequences assigned  
14664 (98.8%) exact matches, in which:  
14390 unique CDR3  
13 unique J



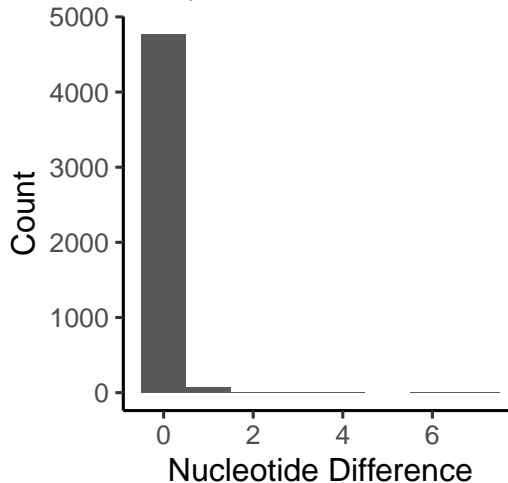
### TRBV23-1\*ap01

2228 sequences assigned  
2189 (98.2%) exact matches, in which:  
2155 unique CDR3  
13 unique J



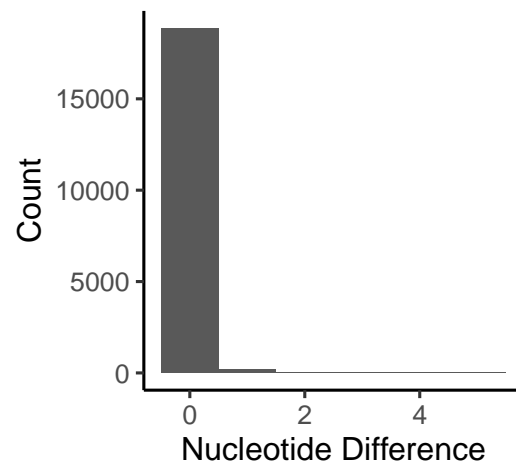
### TRBV24-1\*ap01

4848 sequences assigned  
4767 (98.3%) exact matches, in which:  
4666 unique CDR3  
13 unique J



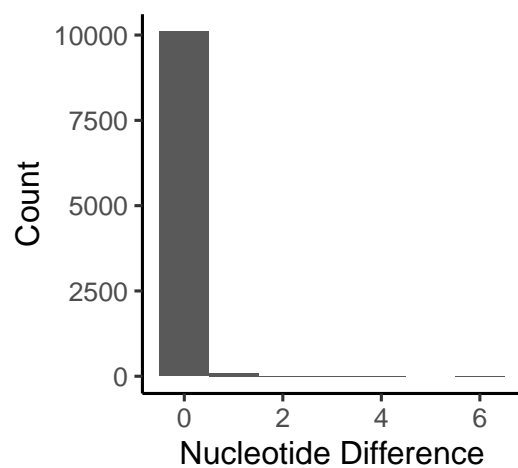
### TRBV5-1\*ap01

19086 sequences assigned  
18867 (98.9%) exact matches, in which:  
18379 unique CDR3  
13 unique J



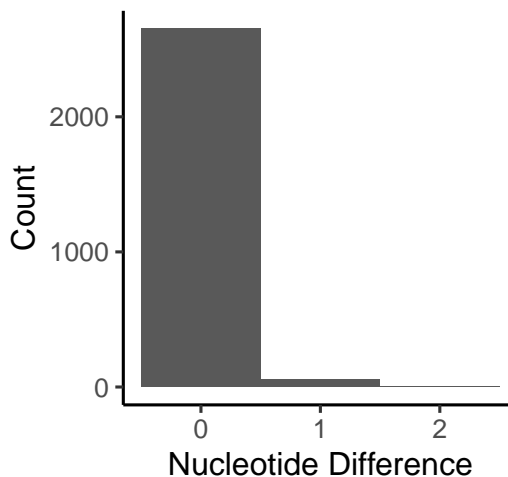
### TRBV3-12\*ap01

10200 sequences assigned  
10105 (99.1%) exact matches, in which:  
9981 unique CDR3  
13 unique J



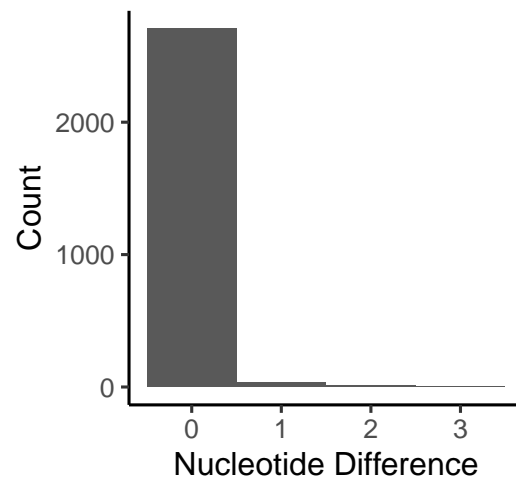
### TRBV4-2\*ap01

2710 sequences assigned  
2652 (97.9%) exact matches, in which:  
2595 unique CDR3  
13 unique J



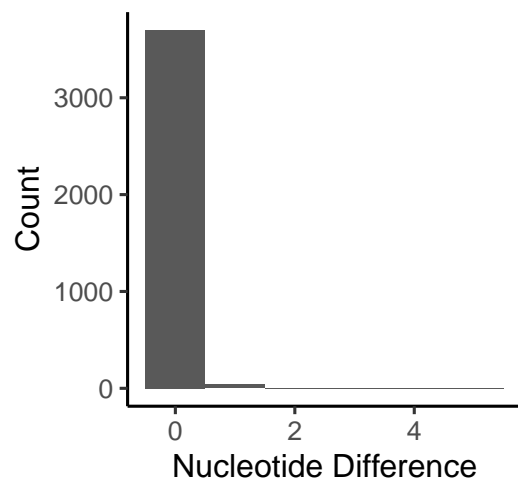
### TRBV25-1\*ap01

2752 sequences assigned  
2706 (98.3%) exact matches, in which:  
2645 unique CDR3  
13 unique J



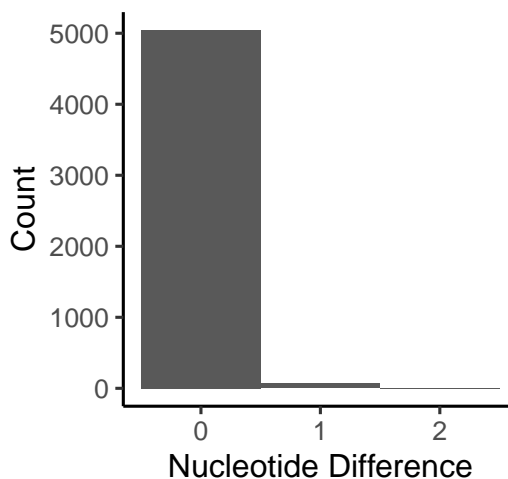
### TRBV4-1\*ap01

3744 sequences assigned  
3699 (98.8%) exact matches, in which:  
3620 unique CDR3  
13 unique J



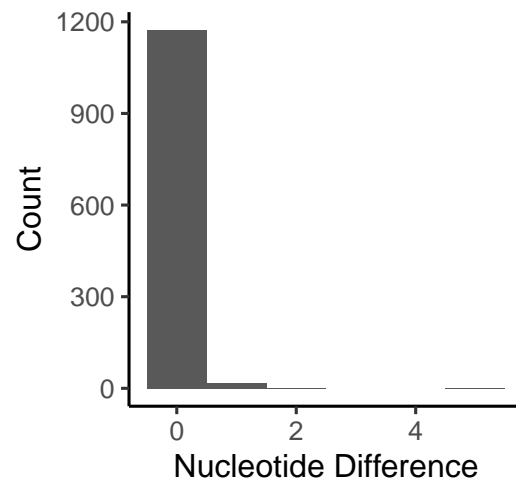
### TRBV4-3\*ap01

5115 sequences assigned  
5045 (98.6%) exact matches, in which:  
4923 unique CDR3  
13 unique J



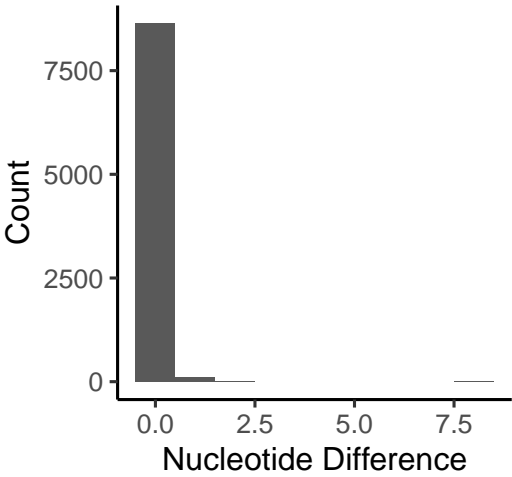
### TRBV5-3\*ap01

1193 sequences assigned  
1173 (98.3%) exact matches, in which:  
1151 unique CDR3  
13 unique J



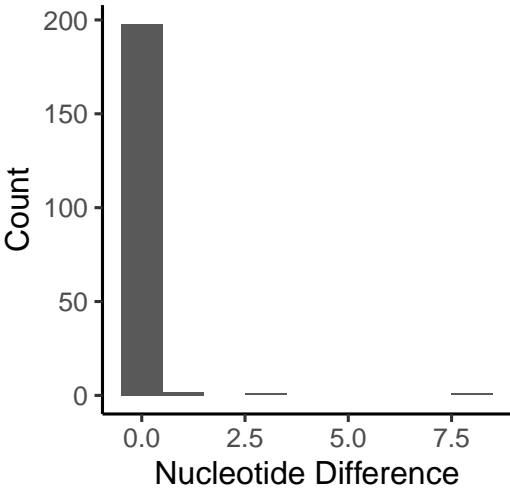
TRBV5-4\*ap01

8761 sequences assigned  
8639 (98.6%) exact matches, in which:  
8469 unique CDR3  
13 unique J



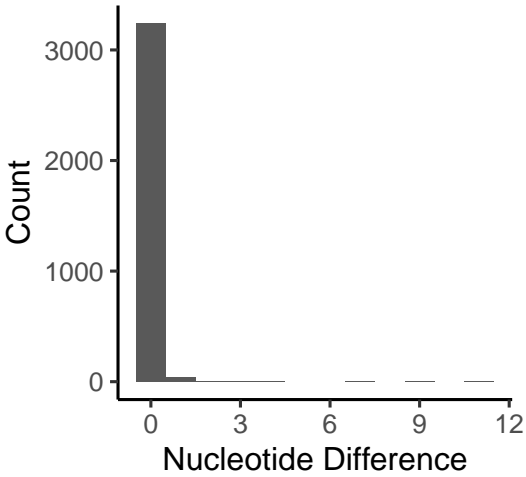
TRBV5-7\*ap01

202 sequences assigned  
198 (98%) exact matches, in which:  
191 unique CDR3  
13 unique J



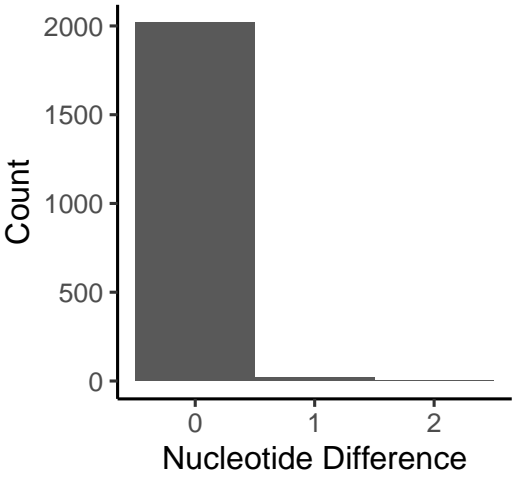
TRBV6-4\*ap01

3300 sequences assigned  
3240 (98.2%) exact matches, in which:  
3172 unique CDR3  
13 unique J



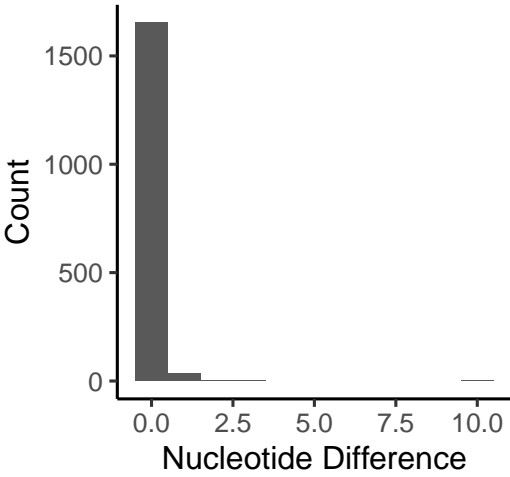
TRBV5-5\*ap01

2040 sequences assigned  
2018 (98.9%) exact matches, in which:  
1995 unique CDR3  
13 unique J



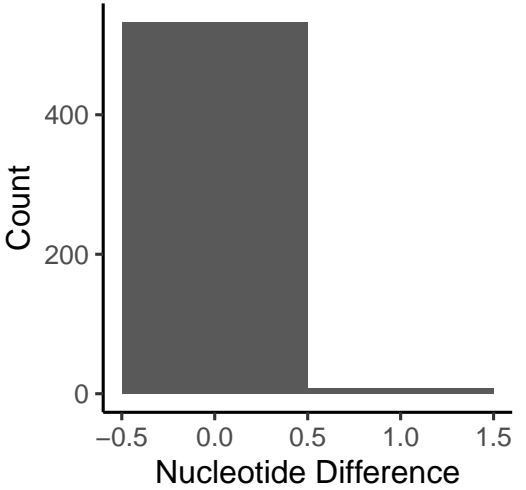
TRBV5-8\*ap01

1693 sequences assigned  
1653 (97.6%) exact matches, in which:  
1618 unique CDR3  
13 unique J



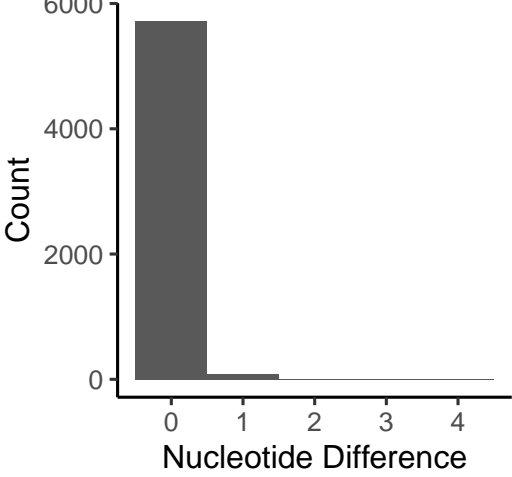
TRBV6-7\*ap01

541 sequences assigned  
533 (98.5%) exact matches, in which:  
519 unique CDR3  
13 unique J



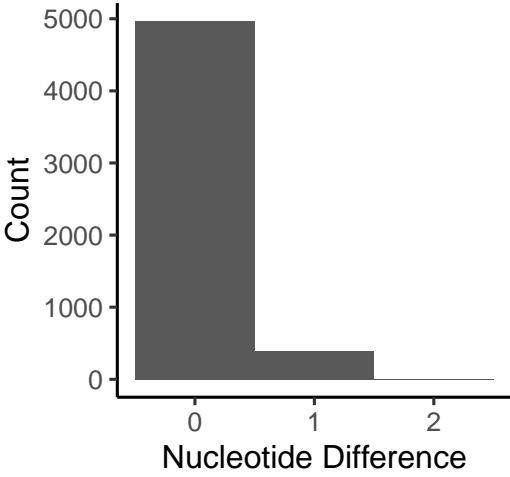
TRBV5-6\*ap01

5806 sequences assigned  
5720 (98.5%) exact matches, in which:  
5558 unique CDR3  
13 unique J



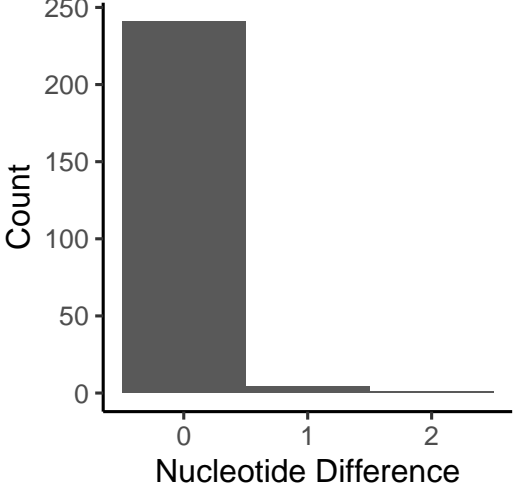
TRBV6-1\*ap01

5367 sequences assigned  
4968 (92.6%) exact matches, in which:  
4856 unique CDR3  
13 unique J



TRBV6-8\*ap01

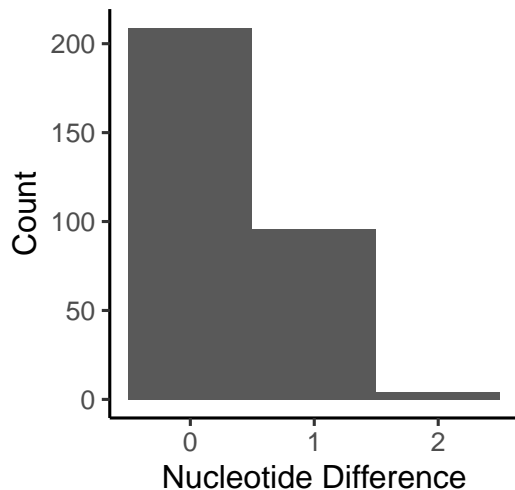
246 sequences assigned  
241 (98%) exact matches, in which:  
230 unique CDR3  
13 unique J





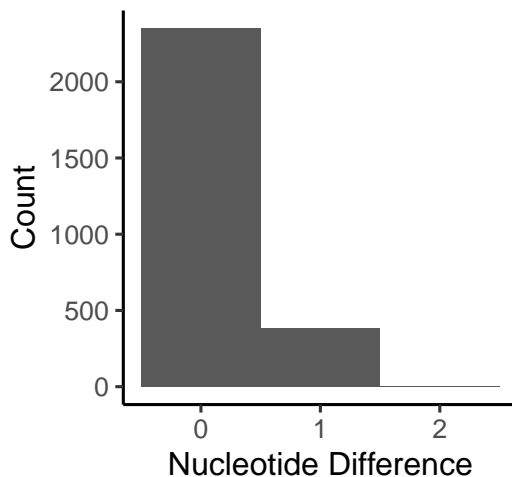
### TRBV6–9\*ap01

309 sequences assigned  
209 (67.6%) exact matches, in which:  
201 unique CDR3  
12 unique J



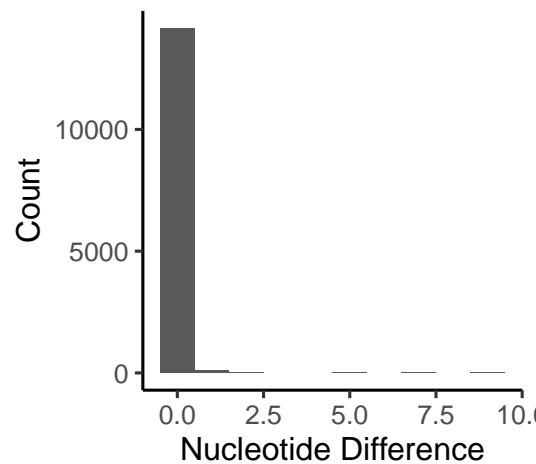
### TRBV6–56\*ap02

2740 sequences assigned  
2350 (85.8%) exact matches, in which:  
2277 unique CDR3  
13 unique J



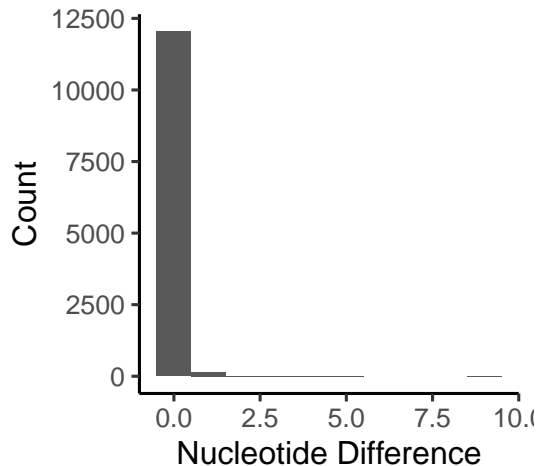
### TRBV7–2\*ap01

14284 sequences assigned  
14158 (99.1%) exact matches, in which:  
13901 unique CDR3  
13 unique J



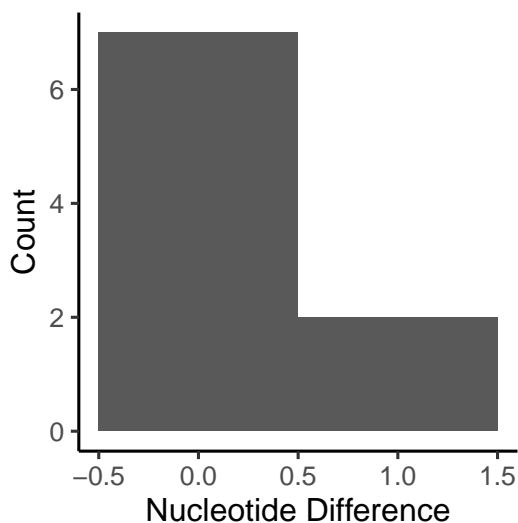
### TRBV6–23\*ap01

12193 sequences assigned  
12043 (98.8%) exact matches, in which:  
11707 unique CDR3  
13 unique J



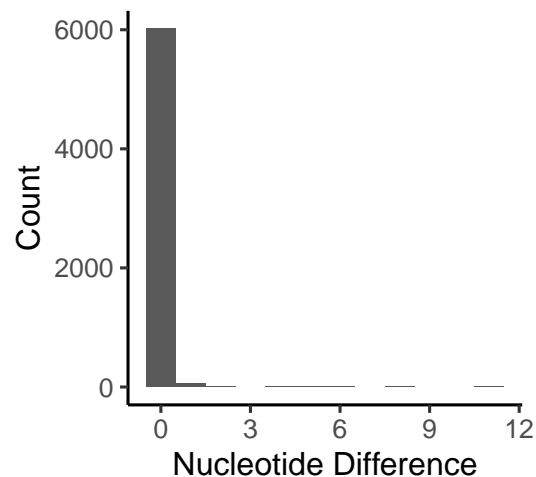
### TRBV7–1\*ap01

9 sequences assigned  
7 (77.8%) exact matches, in which:  
7 unique CDR3  
5 unique J



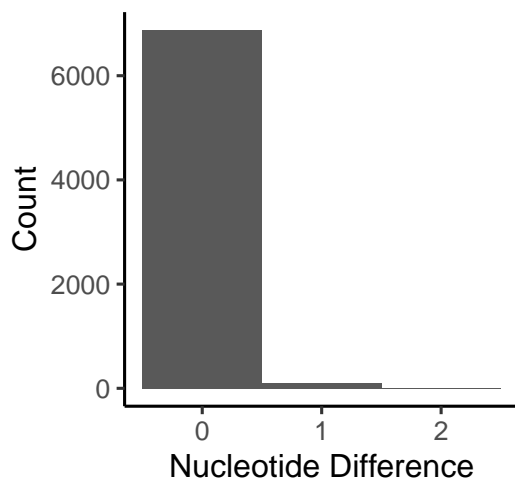
### TRBV7–3\*ap01

6086 sequences assigned  
6017 (98.9%) exact matches, in which:  
5907 unique CDR3  
13 unique J



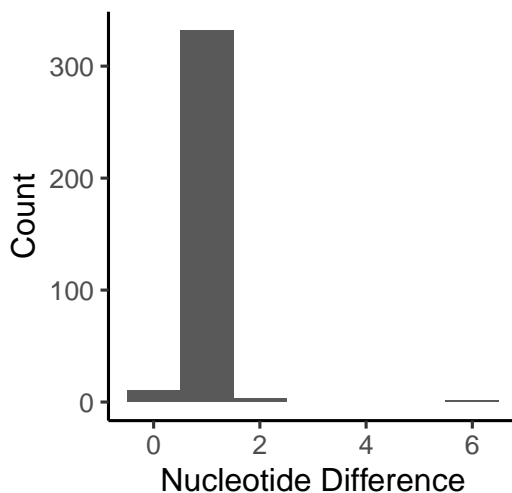
### TRBV6–56\*ap01

6975 sequences assigned  
6876 (98.6%) exact matches, in which:  
6702 unique CDR3  
13 unique J



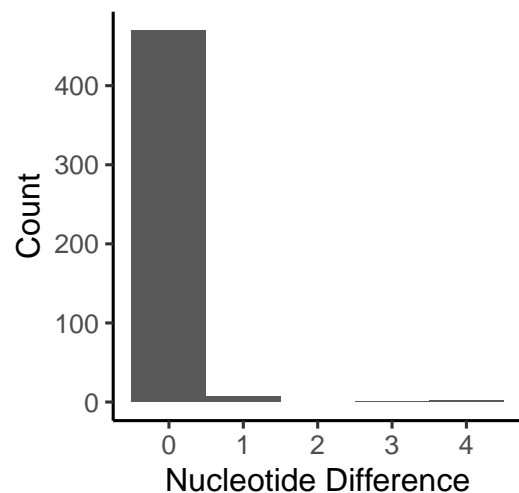
### TRBV7–1\*ap01\_T296C\_()

346 sequences assigned  
10 (2.9%) exact matches, in which:  
10 unique CDR3  
6 unique J



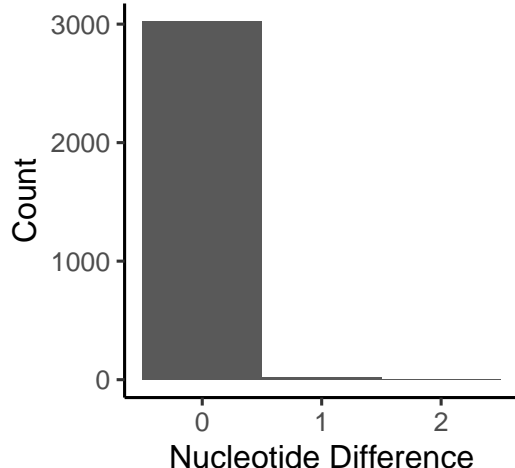
### TRBV7–4\*ap01

480 sequences assigned  
470 (97.9%) exact matches, in which:  
457 unique CDR3  
13 unique J



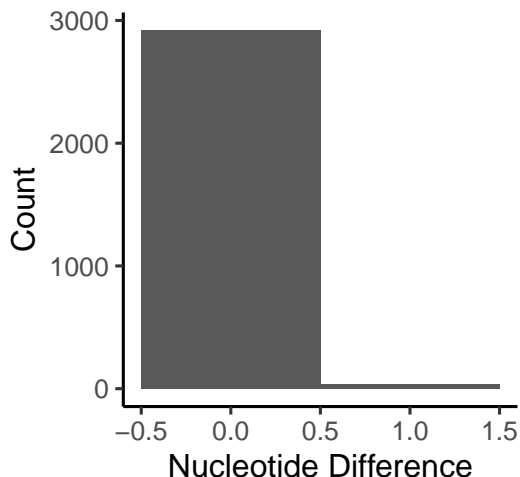
### TRBV7-6\*ap01

3041 sequences assigned  
3023 (99.4%) exact matches, in which:  
2943 unique CDR3  
13 unique J



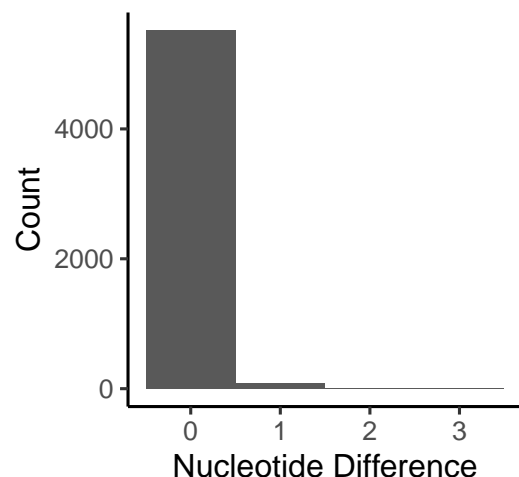
### TRBV7-8\*ap01

2953 sequences assigned  
2919 (98.8%) exact matches, in which:  
2864 unique CDR3  
13 unique J



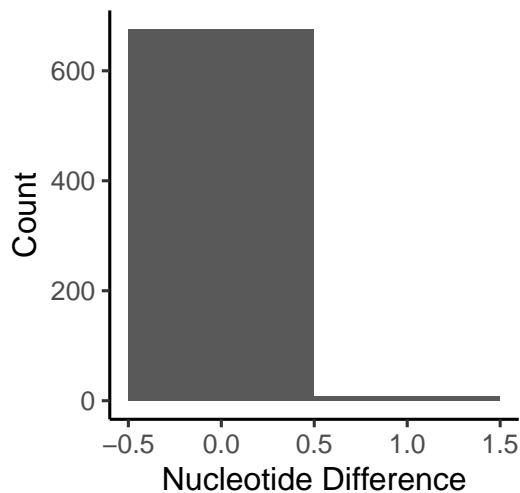
### TRBV29-1\*ap01

5604 sequences assigned  
5517 (98.4%) exact matches, in which:  
5366 unique CDR3  
13 unique J



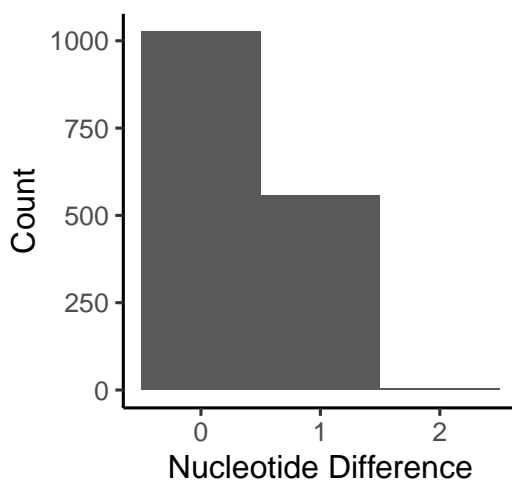
### TRBV7-7\*ap01

685 sequences assigned  
676 (98.7%) exact matches, in which:  
661 unique CDR3  
13 unique J



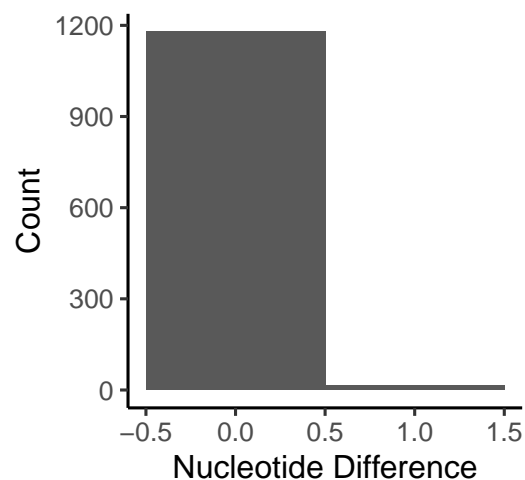
### TRBV7-8\*ap03

1585 sequences assigned  
1026 (64.7%) exact matches, in which:  
1006 unique CDR3  
13 unique J



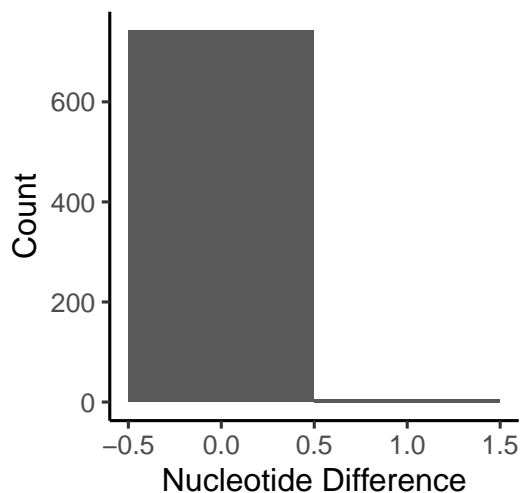
### TRBV29-1\*ap02

1195 sequences assigned  
1179 (98.7%) exact matches, in which:  
1152 unique CDR3  
13 unique J



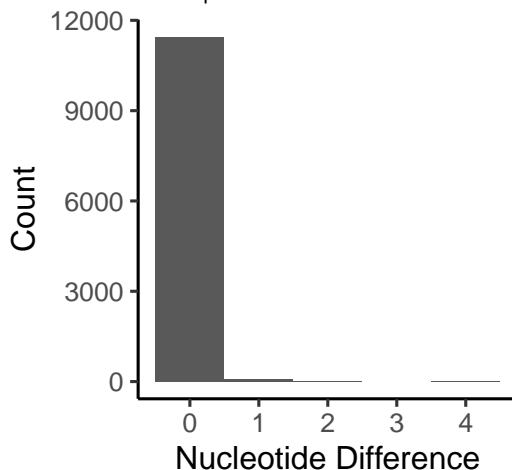
### TRBV7-7\*ap01\_C315T

749 sequences assigned  
743 (99.2%) exact matches, in which:  
732 unique CDR3  
13 unique J

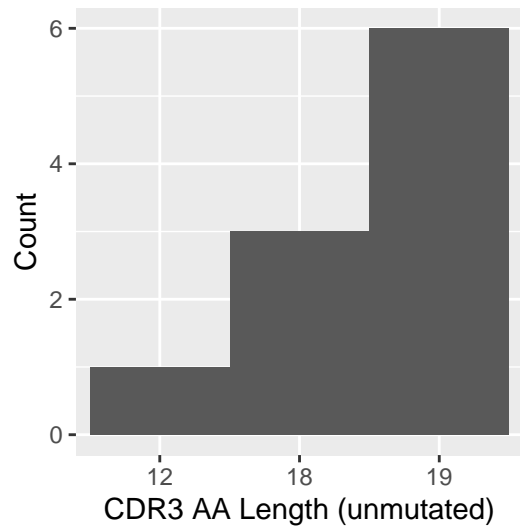


### TRBV7-9\*ap01

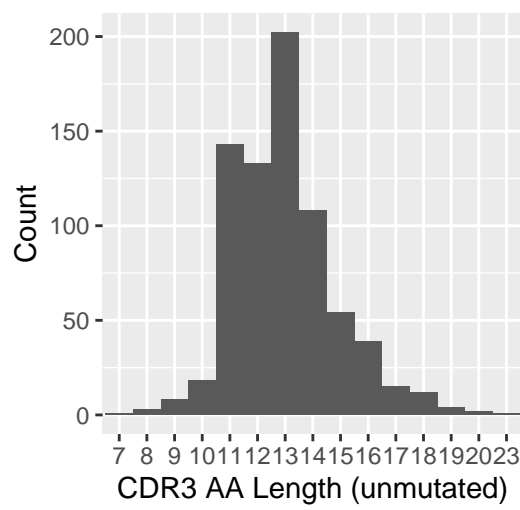
11542 sequences assigned  
11454 (99.2%) exact matches, in which:  
11298 unique CDR3  
13 unique J



TRBV7-1\*ap01\_T296C\_C314T



TRBV7-7\*ap01\_C315T





Warning – no inferred sequences found.