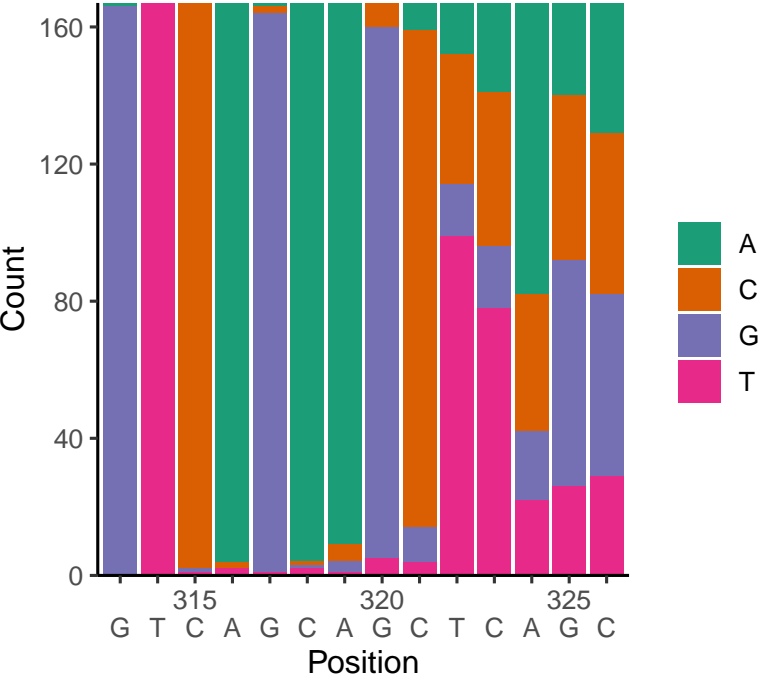


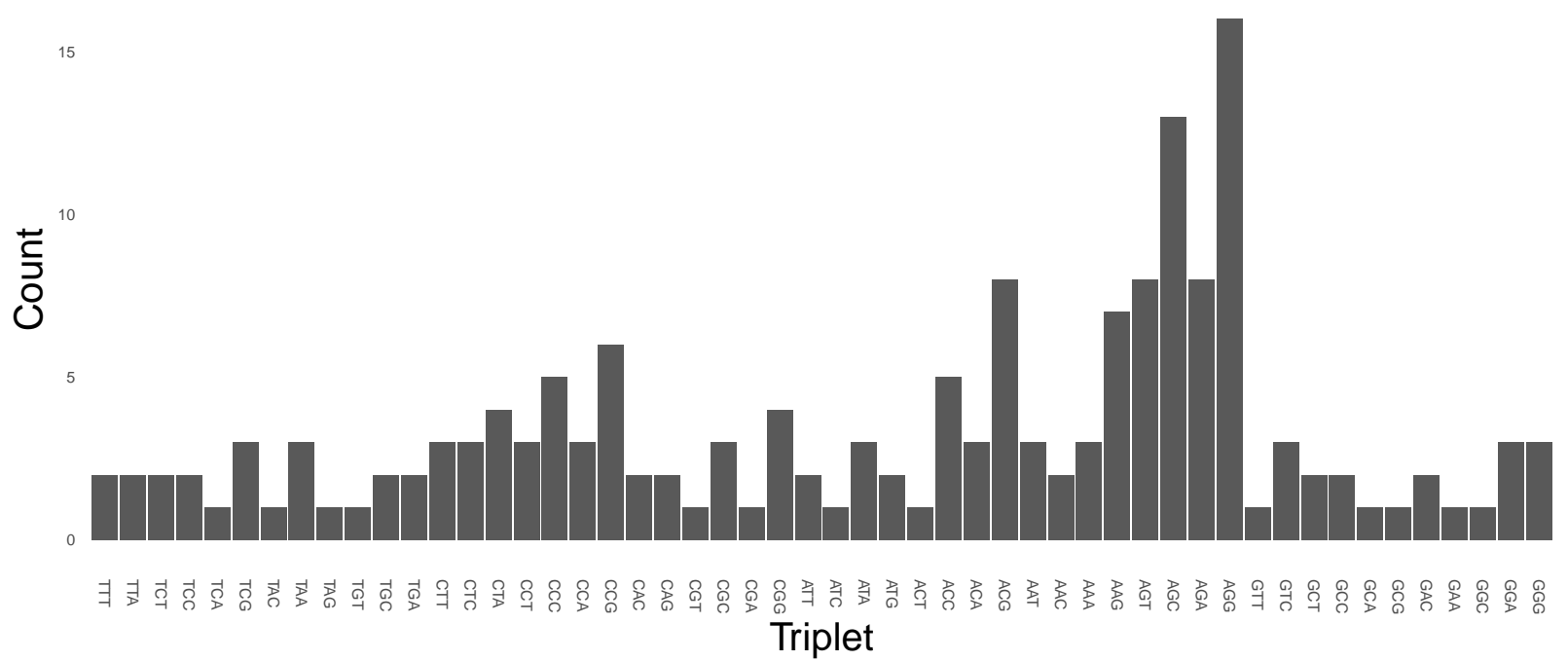
Gene TRBV7-1\*ap01\_G291C\_T296C\_C314T



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

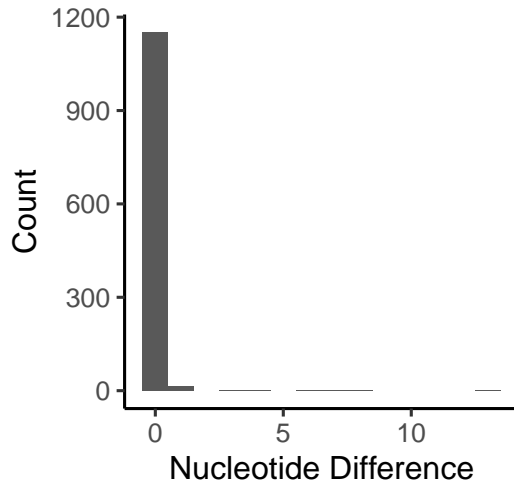


TRBV7-1\*ap01\_G291C\_T296C\_C314T- Final 3 nucleotides as a triplet



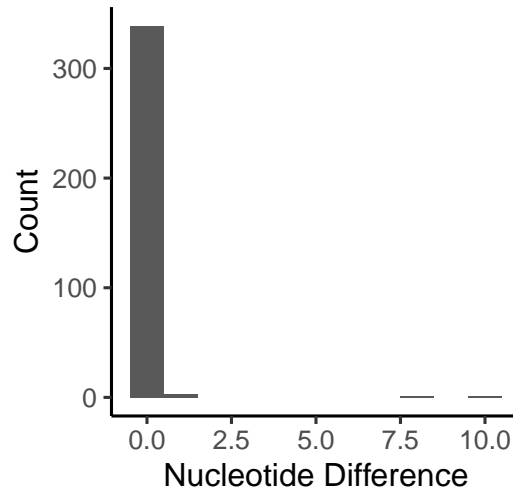
### TRBV10-1\*ap01

1170 sequences assigned  
1151 (98.4%) exact matches, in which:  
1127 unique CDR3  
13 unique J



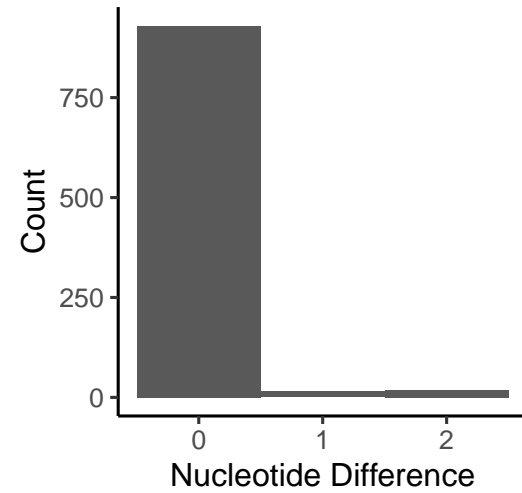
### TRBV10-2\*ap01

344 sequences assigned  
339 (98.5%) exact matches, in which:  
333 unique CDR3  
13 unique J



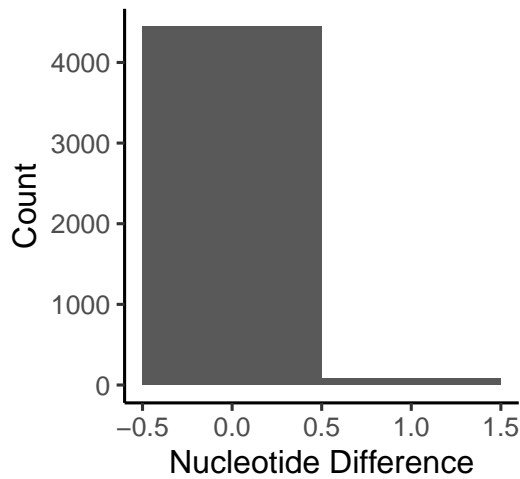
### TRBV13\*ap01

963 sequences assigned  
930 (96.6%) exact matches, in which:  
903 unique CDR3  
13 unique J



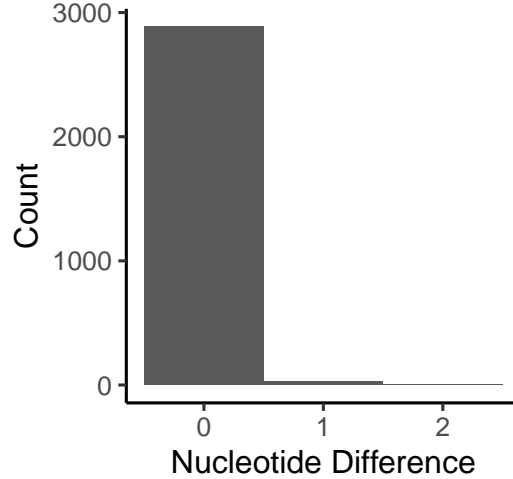
### TRBV20-1\*ap01

4520 sequences assigned  
4443 (98.3%) exact matches, in which:  
4345 unique CDR3  
13 unique J



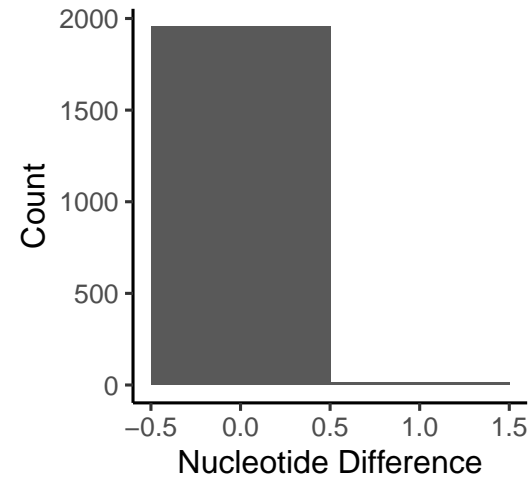
### TRBV10-3\*ap01

2919 sequences assigned  
2886 (98.9%) exact matches, in which:  
2830 unique CDR3  
13 unique J



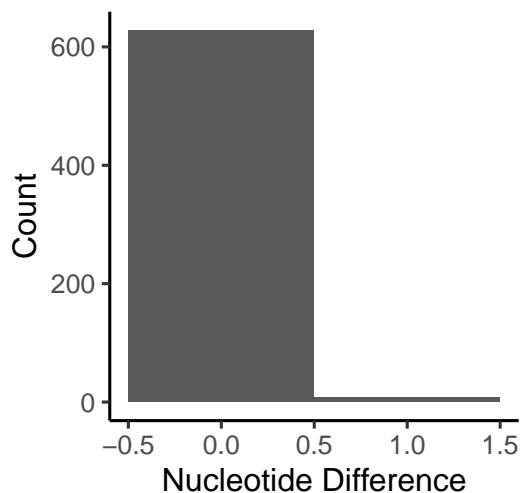
### TRBV14\*ap01

1967 sequences assigned  
1955 (99.4%) exact matches, in which:  
1909 unique CDR3  
13 unique J



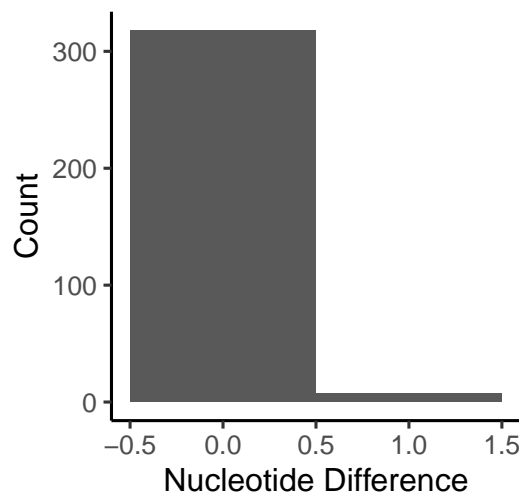
### TRBV20-1\*ap02

635 sequences assigned  
628 (98.9%) exact matches, in which:  
611 unique CDR3  
13 unique J



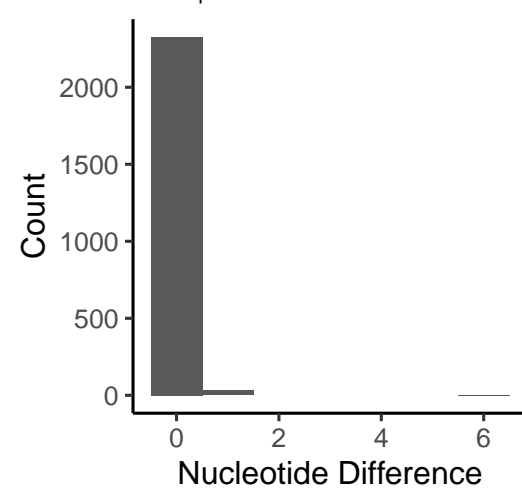
### TRBV1\*ap01

325 sequences assigned  
318 (97.8%) exact matches, in which:  
307 unique CDR3  
13 unique J



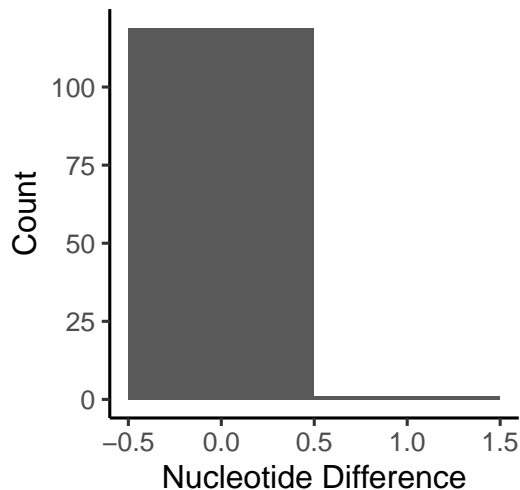
### TRBV15\*ap02

2358 sequences assigned  
2326 (98.6%) exact matches, in which:  
2257 unique CDR3  
13 unique J



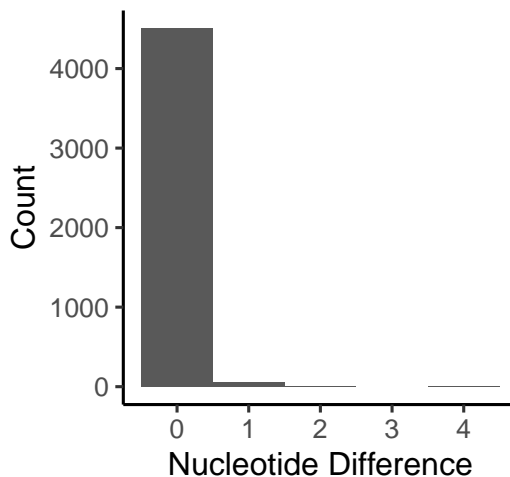
### TRBV16\*ap01

120 sequences assigned  
119 (99.2%) exact matches, in which:  
117 unique CDR3  
12 unique J



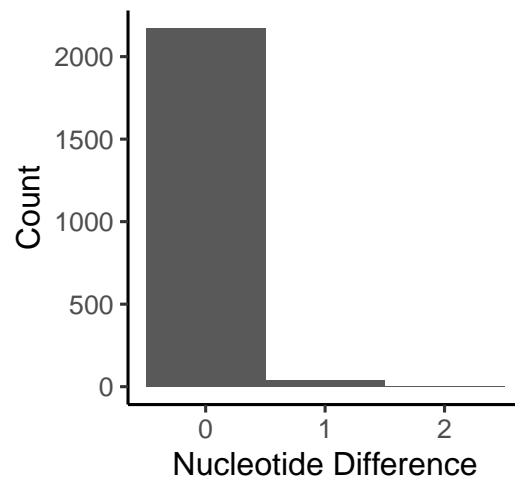
### TRBV2\*ap01

4560 sequences assigned  
4505 (98.8%) exact matches, in which:  
4376 unique CDR3  
13 unique J



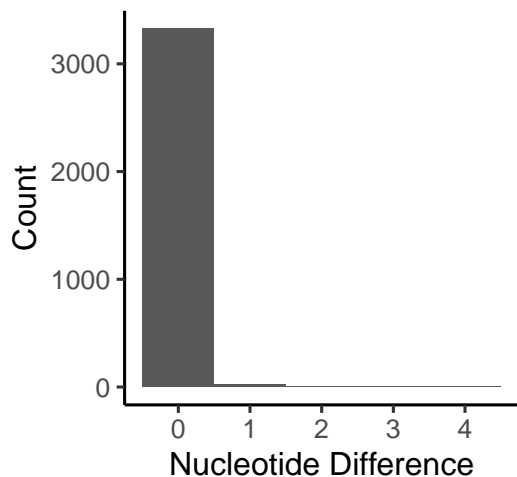
### TRBV30\*ap01

2212 sequences assigned  
2171 (98.1%) exact matches, in which:  
2123 unique CDR3  
13 unique J



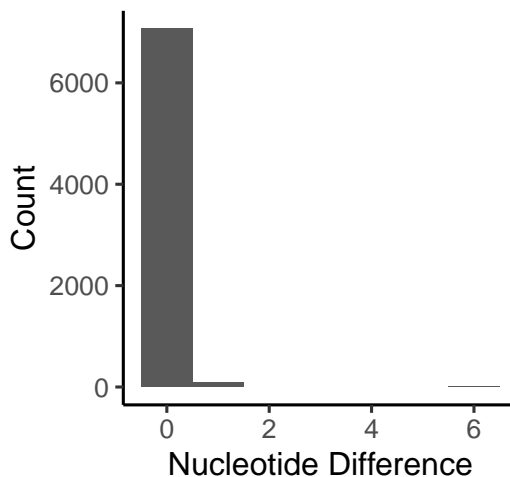
### TRBV18\*ap01

3352 sequences assigned  
3326 (99.2%) exact matches, in which:  
3276 unique CDR3  
13 unique J



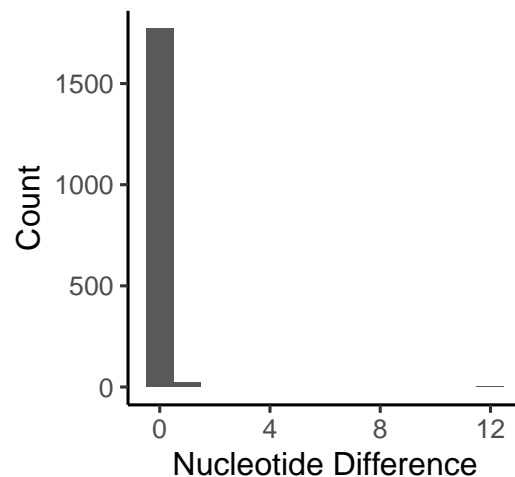
### TRBV27\*ap01

7165 sequences assigned  
7068 (98.6%) exact matches, in which:  
6876 unique CDR3  
13 unique J



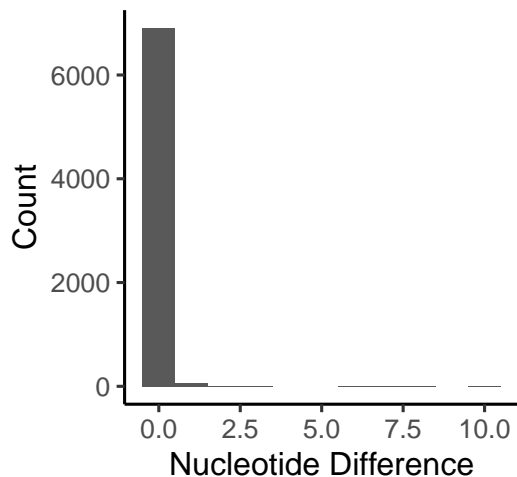
### TRBV30\*ap02

1795 sequences assigned  
1771 (98.7%) exact matches, in which:  
1734 unique CDR3  
13 unique J



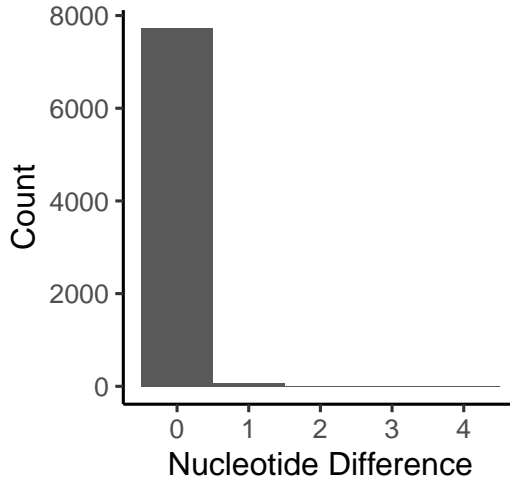
### TRBV19\*ap01

6978 sequences assigned  
6905 (99%) exact matches, in which:  
6810 unique CDR3  
13 unique J



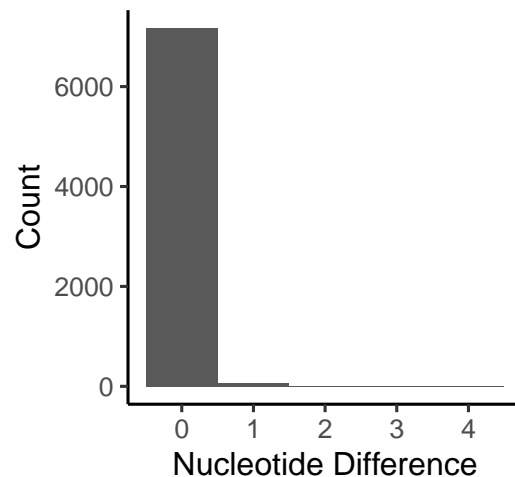
### TRBV28\*ap01

7811 sequences assigned  
7730 (99%) exact matches, in which:  
7571 unique CDR3  
13 unique J



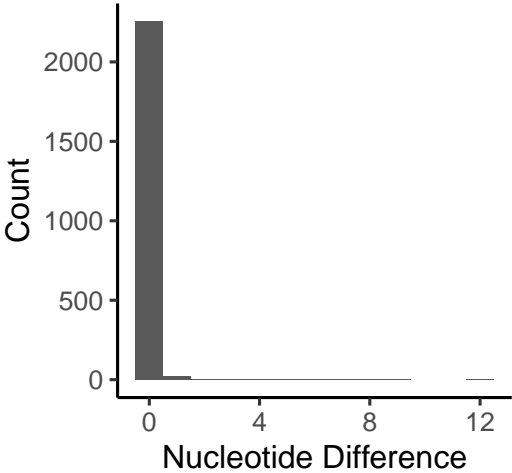
### TRBV9\*ap01

7250 sequences assigned  
7172 (98.9%) exact matches, in which:  
6999 unique CDR3  
13 unique J



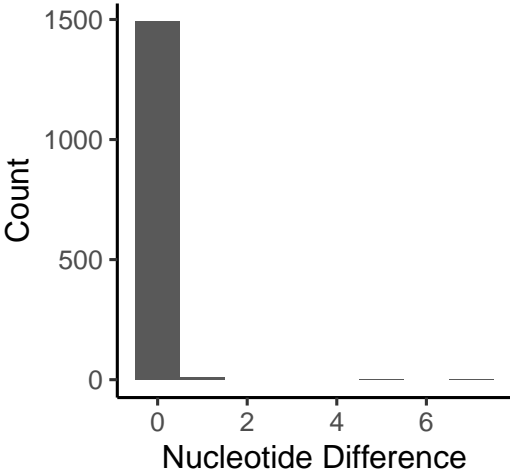
TRBV21-1\*ap01

2297 sequences assigned  
2255 (98.2%) exact matches, in which:  
2217 unique CDR3  
13 unique J



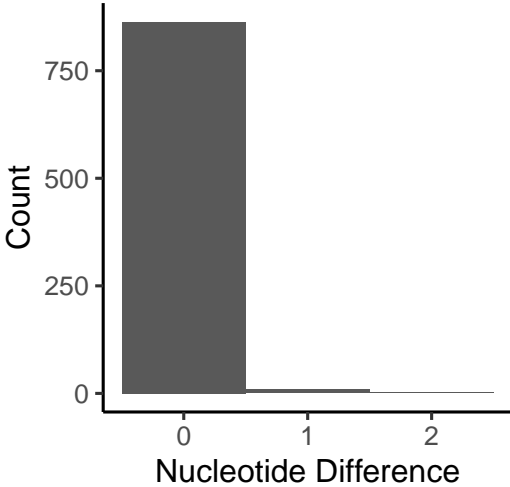
TRBV11-3\*ap01

1506 sequences assigned  
1492 (99.1%) exact matches, in which:  
1457 unique CDR3  
13 unique J



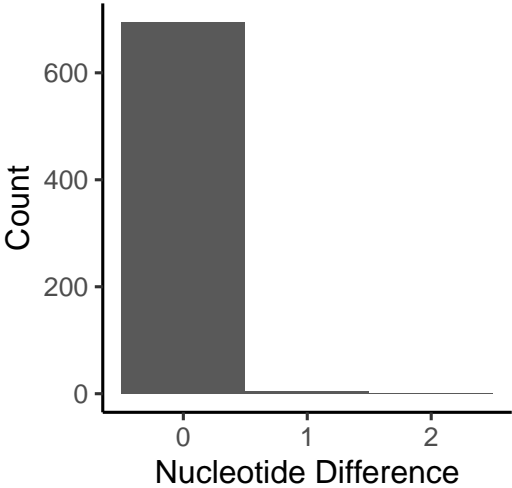
TRBV12-5\*ap01

875 sequences assigned  
864 (98.7%) exact matches, in which:  
841 unique CDR3  
13 unique J



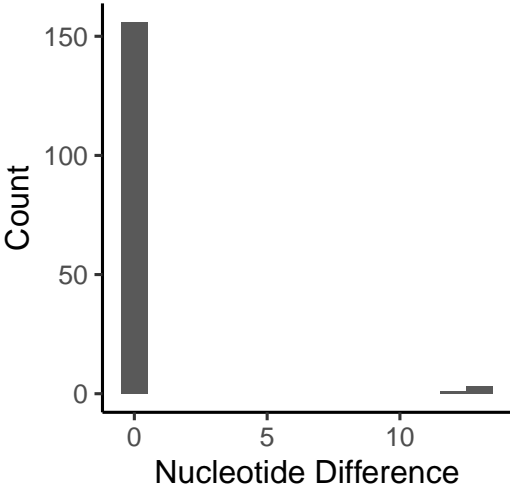
TRBV11-1\*ap01

701 sequences assigned  
695 (99.1%) exact matches, in which:  
688 unique CDR3  
13 unique J



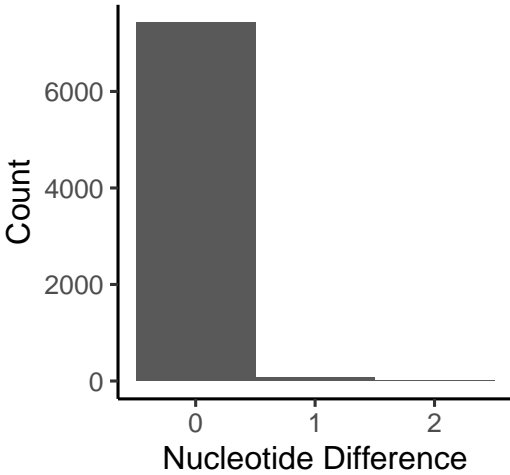
TRBV12-1\*ap01

160 sequences assigned  
156 (97.5%) exact matches, in which:  
155 unique CDR3  
13 unique J



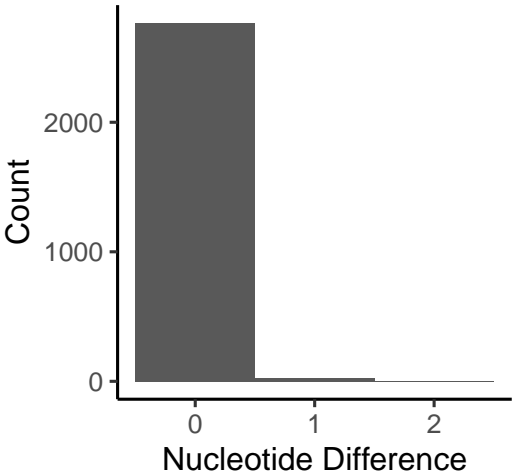
TRBV12-34\*ap01

7509 sequences assigned  
7424 (98.9%) exact matches, in which:  
7268 unique CDR3  
13 unique J



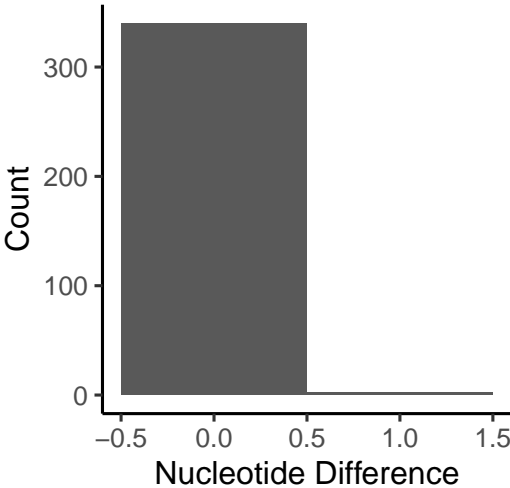
TRBV11-2\*ap01

2791 sequences assigned  
2766 (99.1%) exact matches, in which:  
2715 unique CDR3  
13 unique J



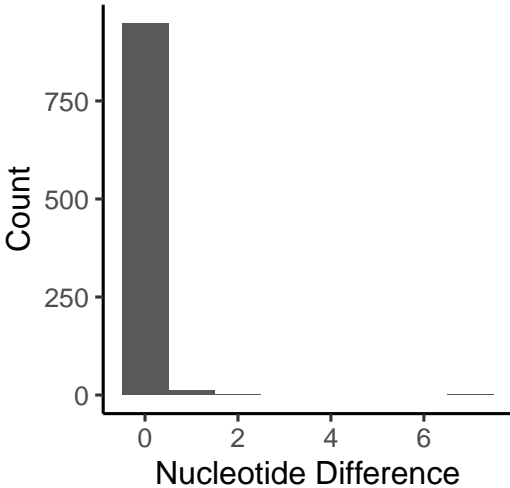
TRBV12-2\*ap01

342 sequences assigned  
340 (99.4%) exact matches, in which:  
334 unique CDR3  
13 unique J



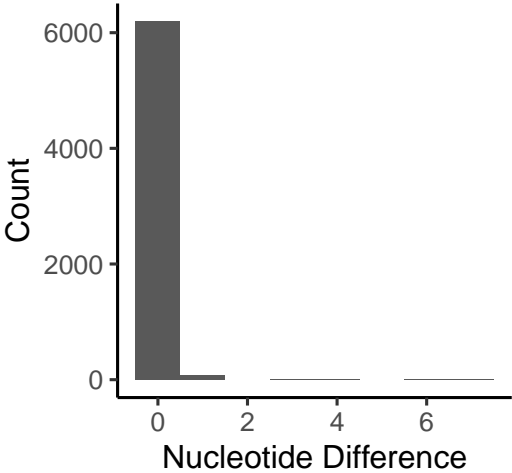
TRBV23-1\*ap01

962 sequences assigned  
948 (98.5%) exact matches, in which:  
925 unique CDR3  
13 unique J



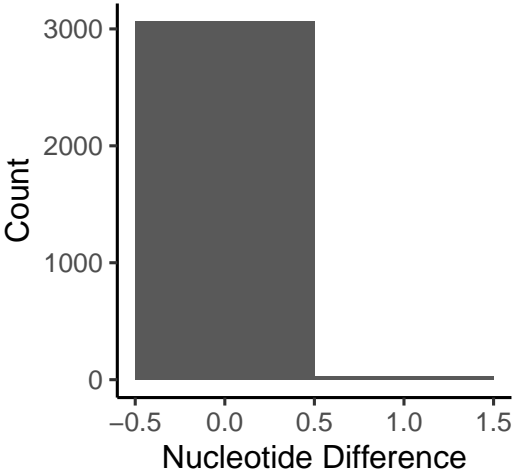
TRBV3-12\*ap01

6278 sequences assigned  
6195 (98.7%) exact matches, in which:  
6045 unique CDR3  
13 unique J



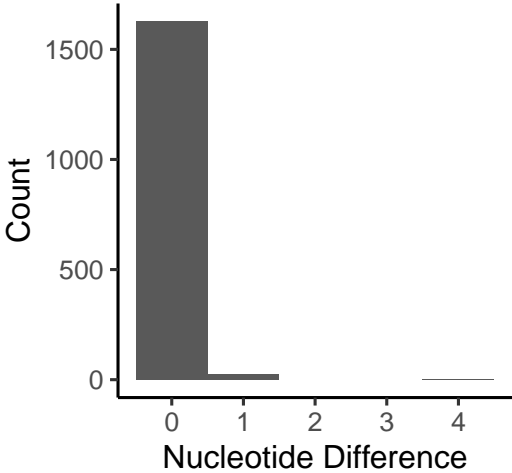
TRBV4-2\*ap01

3095 sequences assigned  
3064 (99%) exact matches, in which:  
2975 unique CDR3  
13 unique J



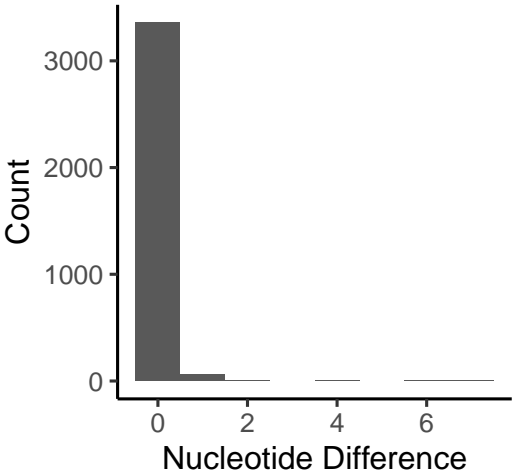
TRBV25-1\*ap01

1651 sequences assigned  
1627 (98.5%) exact matches, in which:  
1578 unique CDR3  
13 unique J



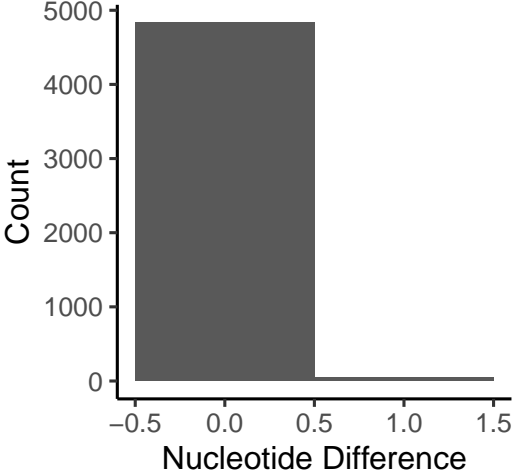
TRBV24-1\*ap01

3424 sequences assigned  
3357 (98%) exact matches, in which:  
3277 unique CDR3  
13 unique J



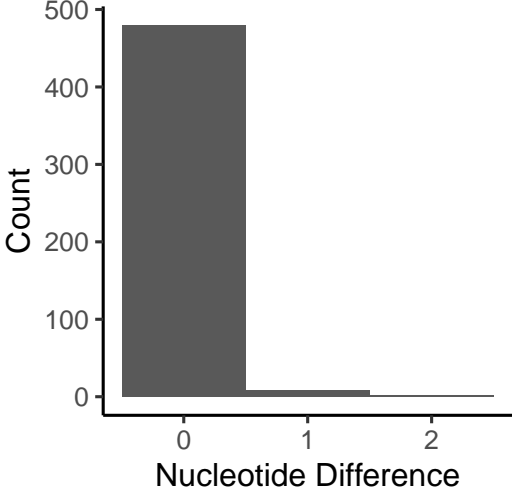
TRBV4-3\*ap01

4882 sequences assigned  
4832 (99%) exact matches, in which:  
4699 unique CDR3  
13 unique J



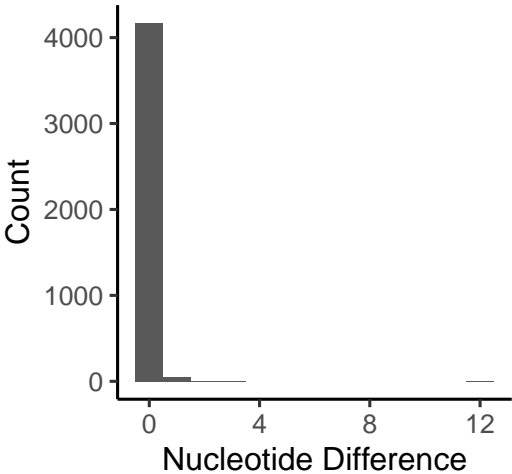
TRBV5-3\*ap01

491 sequences assigned  
480 (97.8%) exact matches, in which:  
467 unique CDR3  
13 unique J



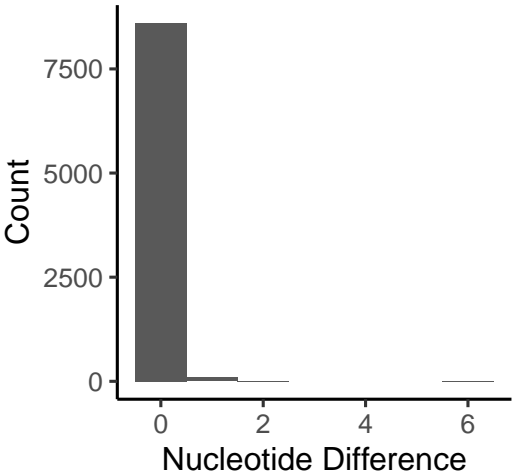
TRBV4-1\*ap01

4227 sequences assigned  
4169 (98.6%) exact matches, in which:  
4053 unique CDR3  
13 unique J



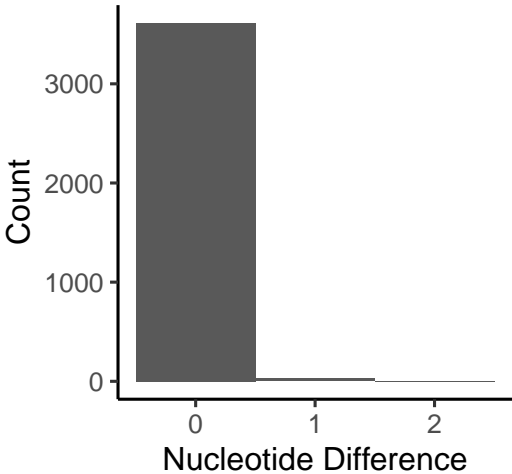
TRBV5-1\*ap01

8700 sequences assigned  
8601 (98.9%) exact matches, in which:  
8359 unique CDR3  
13 unique J



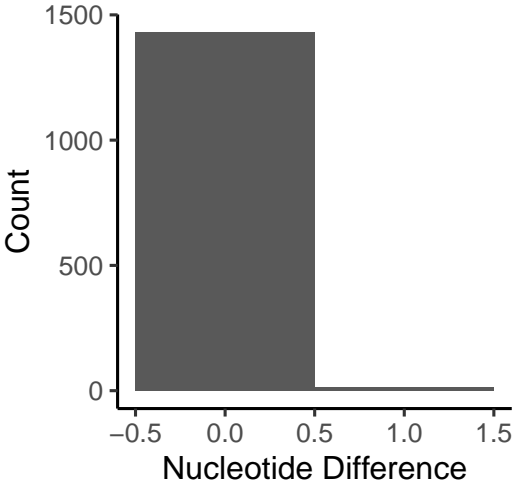
TRBV5-4\*ap01

3642 sequences assigned  
3613 (99.2%) exact matches, in which:  
3526 unique CDR3  
13 unique J



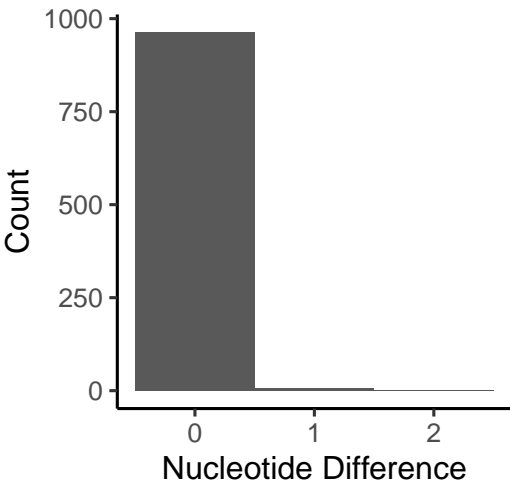
TRBV5-5\*ap01

1444 sequences assigned  
1430 (99%) exact matches, in which:  
1406 unique CDR3  
13 unique J



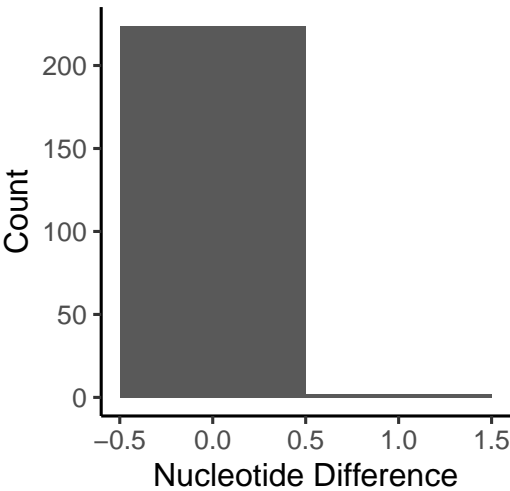
TRBV5-8\*ap01

971 sequences assigned  
963 (99.2%) exact matches, in which:  
951 unique CDR3  
13 unique J



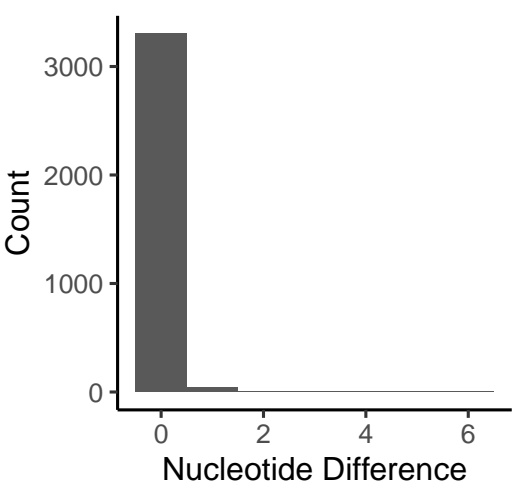
TRBV6-7\*ap01

226 sequences assigned  
224 (99.1%) exact matches, in which:  
219 unique CDR3  
13 unique J



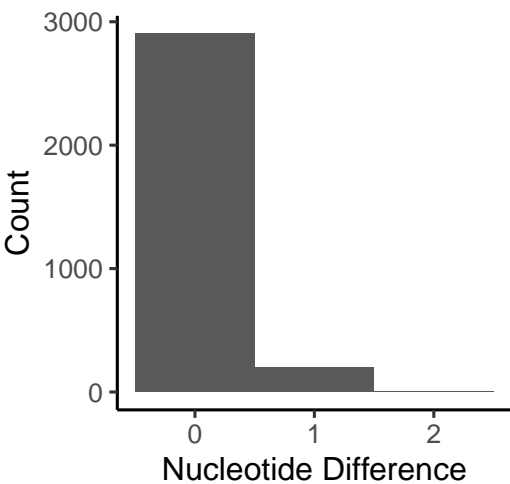
TRBV5-6\*ap01

3354 sequences assigned  
3302 (98.4%) exact matches, in which:  
3196 unique CDR3  
13 unique J



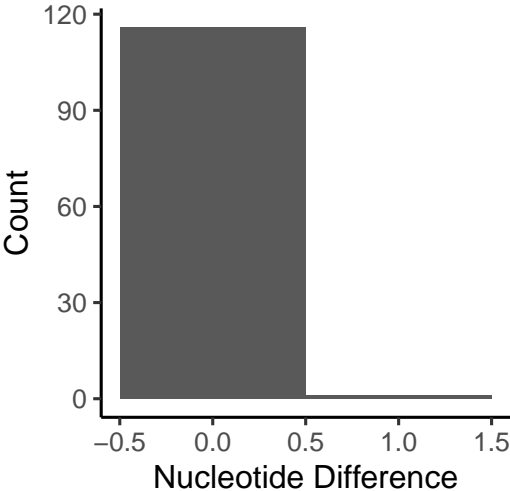
TRBV6-1\*ap01

3105 sequences assigned  
2903 (93.5%) exact matches, in which:  
2813 unique CDR3  
13 unique J



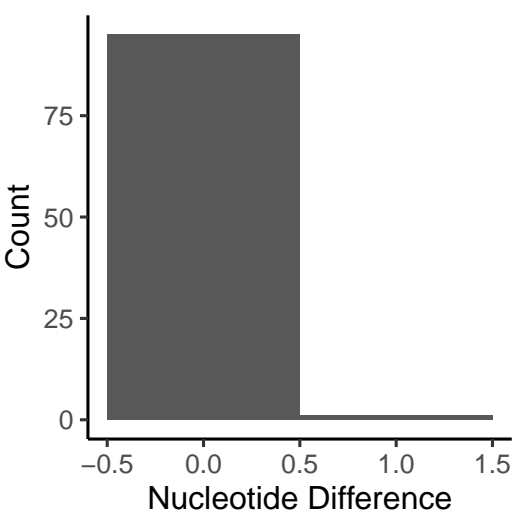
TRBV6-8\*ap01

117 sequences assigned  
116 (99.1%) exact matches, in which:  
113 unique CDR3  
13 unique J



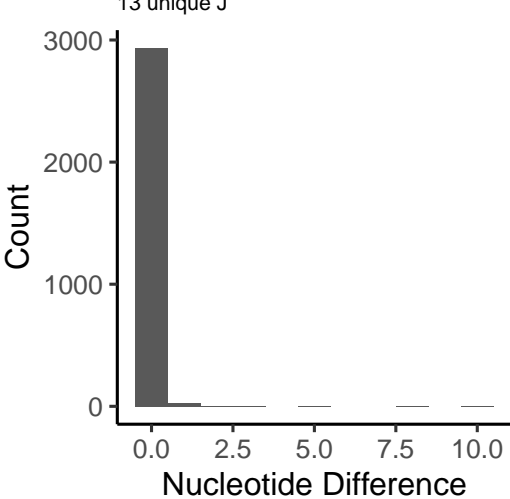
TRBV5-7\*ap01

96 sequences assigned  
95 (99%) exact matches, in which:  
91 unique CDR3  
12 unique J



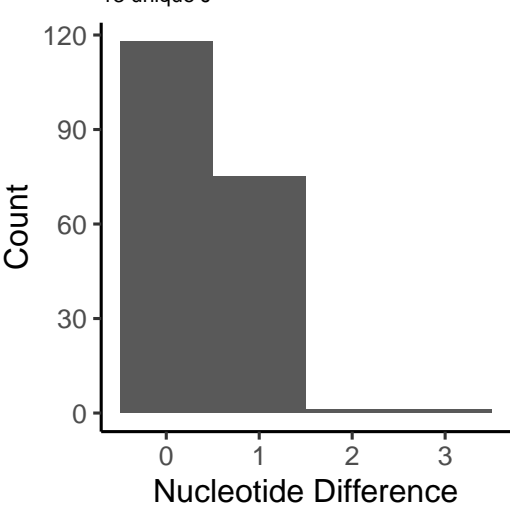
TRBV6-4\*ap01

2971 sequences assigned  
2934 (98.8%) exact matches, in which:  
2901 unique CDR3  
13 unique J



TRBV6-9\*ap01

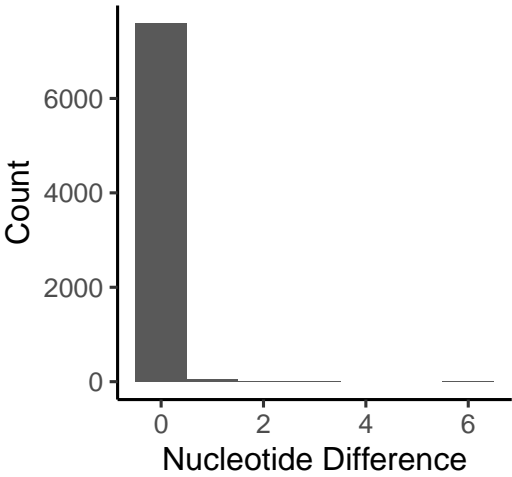
195 sequences assigned  
118 (60.5%) exact matches, in which:  
115 unique CDR3  
13 unique J





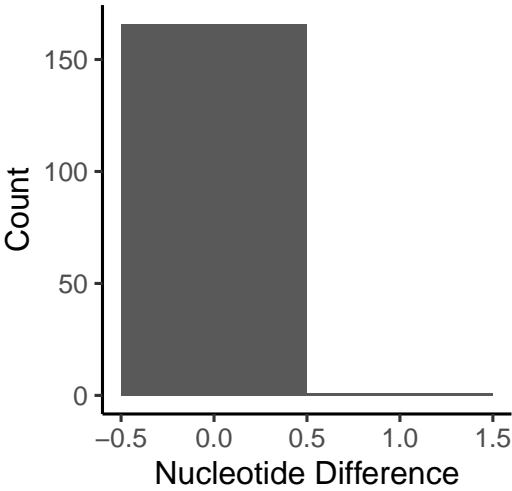
TRBV6-23\*ap01

7657 sequences assigned  
7590 (99.1%) exact matches, in which:  
7363 unique CDR3  
13 unique J



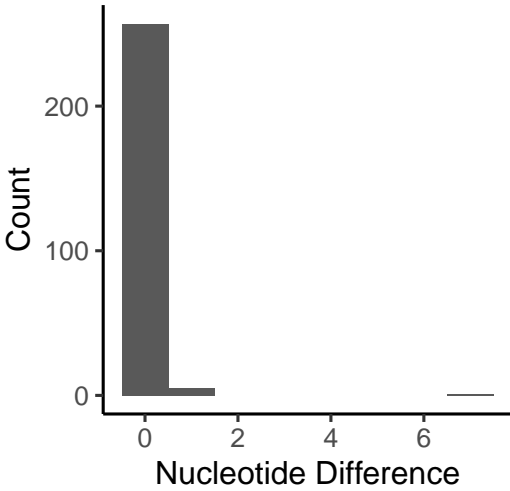
TRBV7-1\*ap01\_G291C\_

167 sequences assigned  
166 (99.4%) exact matches, in which:  
162 unique CDR3  
13 unique J



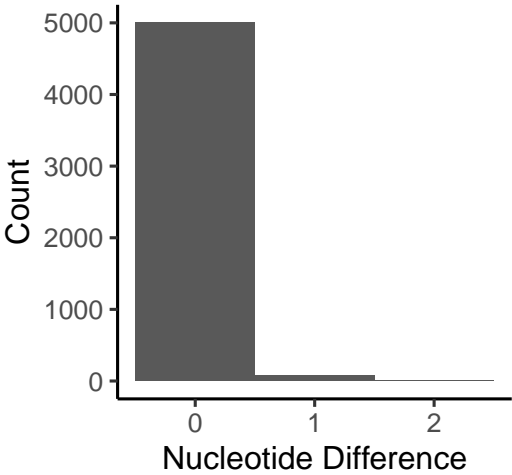
TRBV7-4\*ap01

263 sequences assigned  
257 (97.7%) exact matches, in which:  
250 unique CDR3  
13 unique J



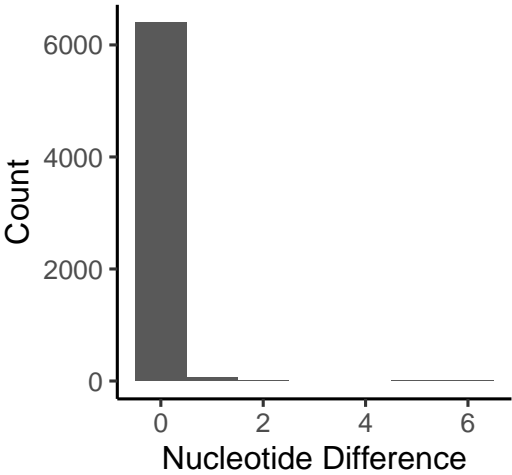
TRBV6-56\*ap01

5079 sequences assigned  
5002 (98.5%) exact matches, in which:  
4854 unique CDR3  
13 unique J



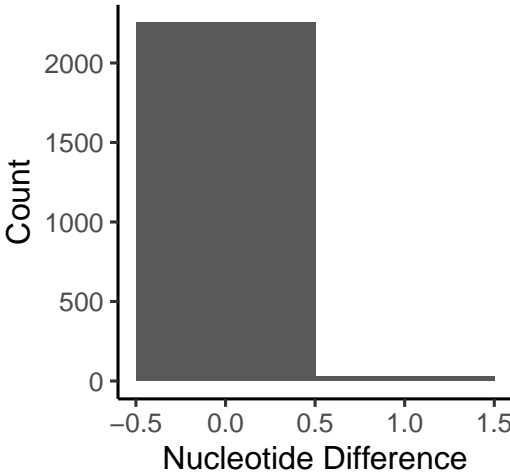
TRBV7-2\*ap01

6456 sequences assigned  
6396 (99.1%) exact matches, in which:  
6272 unique CDR3  
13 unique J



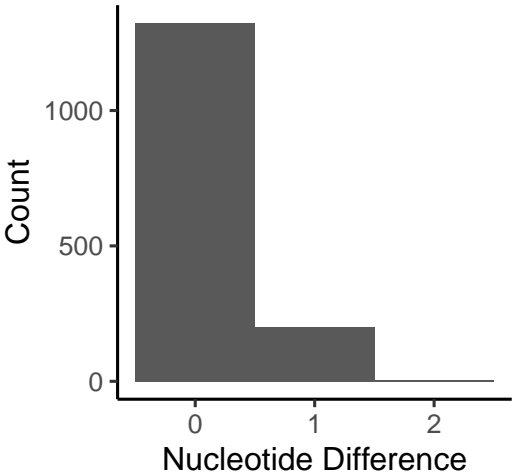
TRBV7-6\*ap01

2279 sequences assigned  
2253 (98.9%) exact matches, in which:  
2214 unique CDR3  
13 unique J



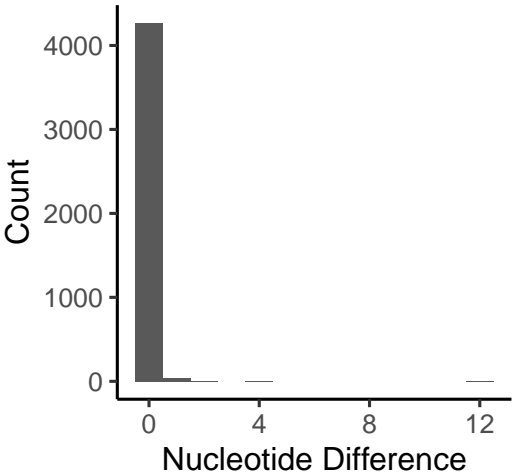
TRBV6-56\*ap02

1530 sequences assigned  
1323 (86.5%) exact matches, in which:  
1289 unique CDR3  
13 unique J



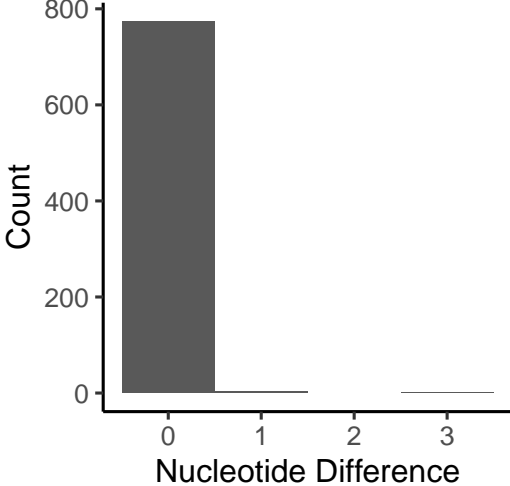
TRBV7-3\*ap01

4308 sequences assigned  
4267 (99%) exact matches, in which:  
4197 unique CDR3  
13 unique J



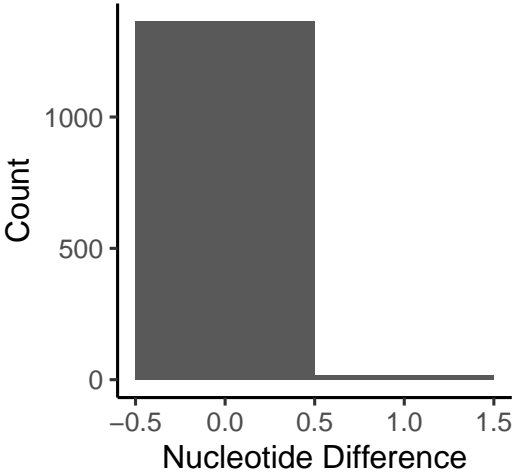
TRBV7-7\*ap01

779 sequences assigned  
774 (99.4%) exact matches, in which:  
754 unique CDR3  
13 unique J



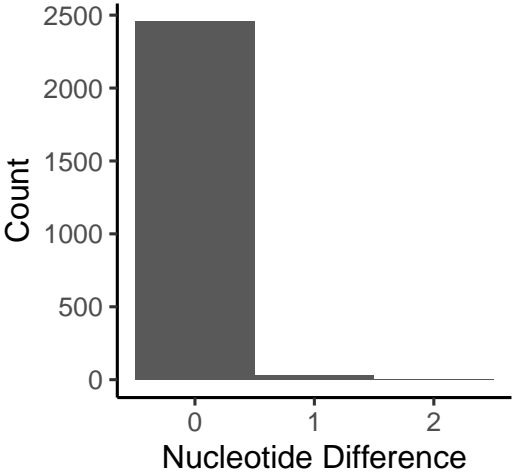
TRBV7-8\*ap01

1383 sequences assigned  
1364 (98.6%) exact matches, in which:  
1334 unique CDR3  
13 unique J



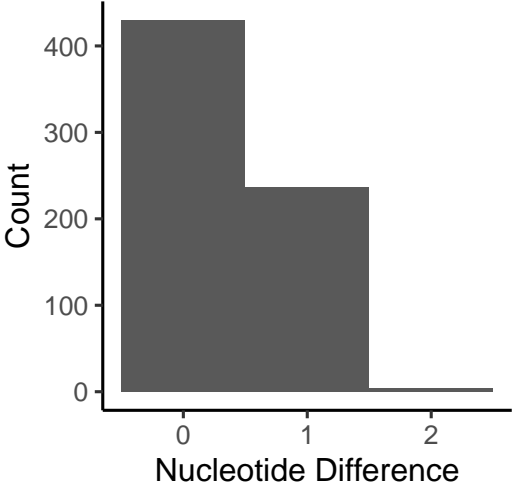
TRBV29-1\*ap01

2487 sequences assigned  
2457 (98.8%) exact matches, in which:  
2387 unique CDR3  
13 unique J



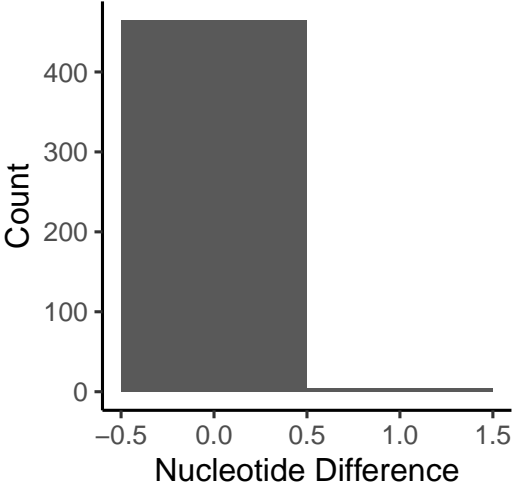
TRBV7-8\*ap03

670 sequences assigned  
430 (64.2%) exact matches, in which:  
423 unique CDR3  
13 unique J



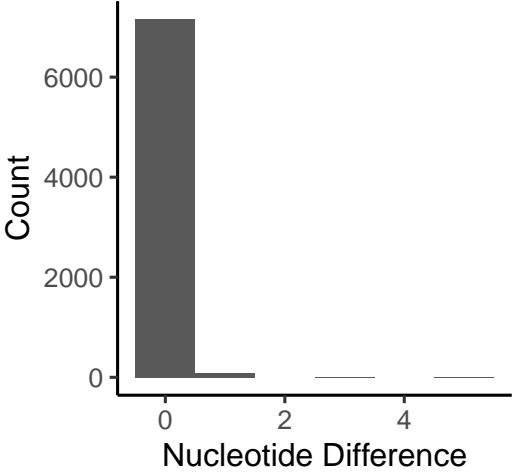
TRBV29-1\*ap02

469 sequences assigned  
465 (99.1%) exact matches, in which:  
455 unique CDR3  
13 unique J

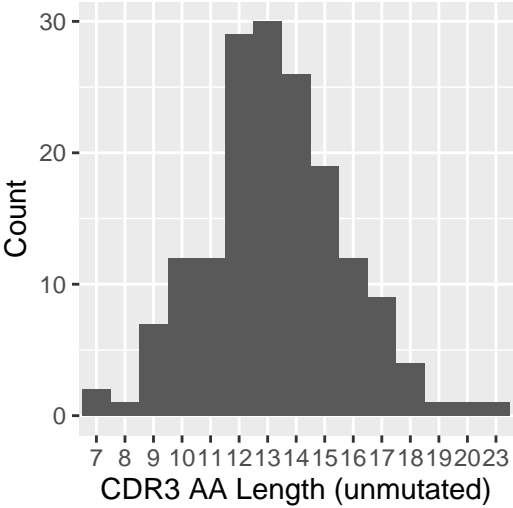


TRBV7-9\*ap01

7247 sequences assigned  
7161 (98.8%) exact matches, in which:  
7015 unique CDR3  
13 unique J



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





Warning – no inferred sequences found.