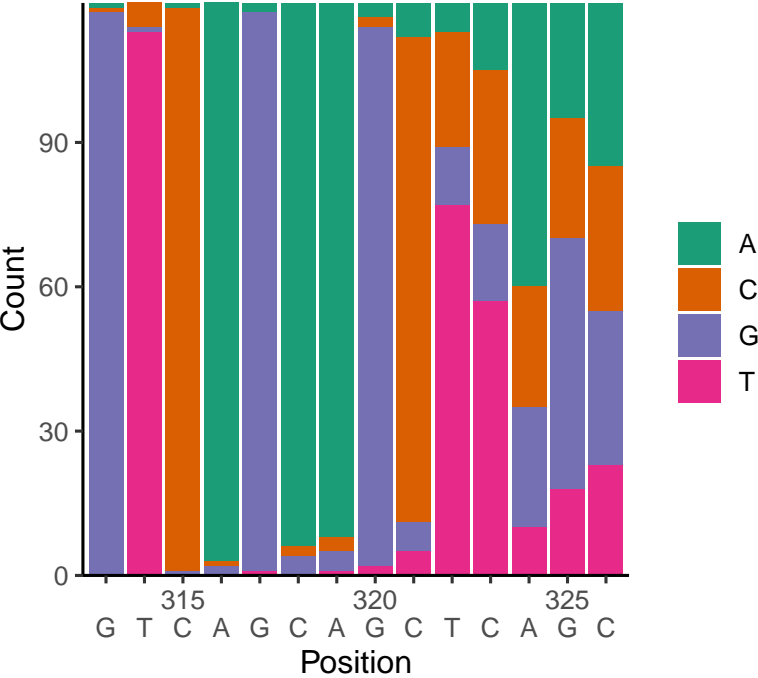
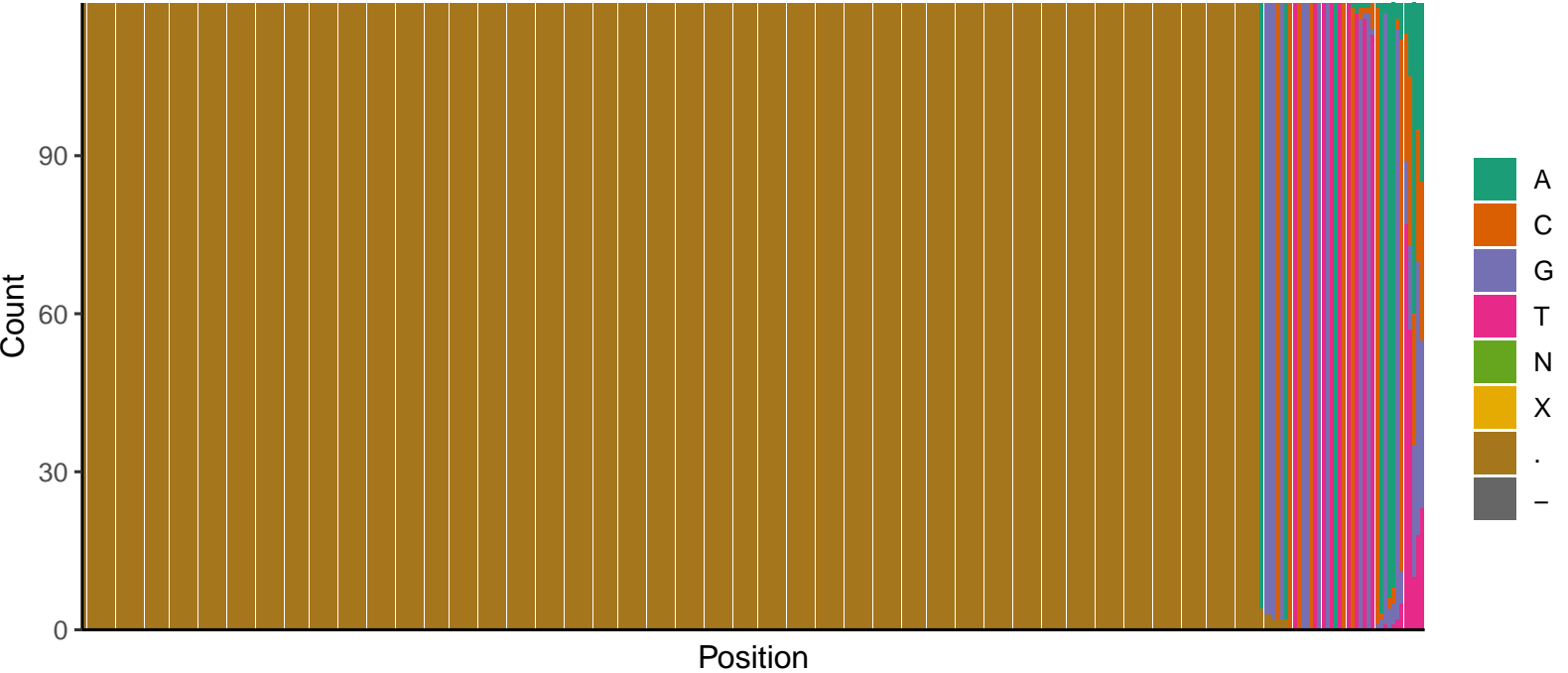


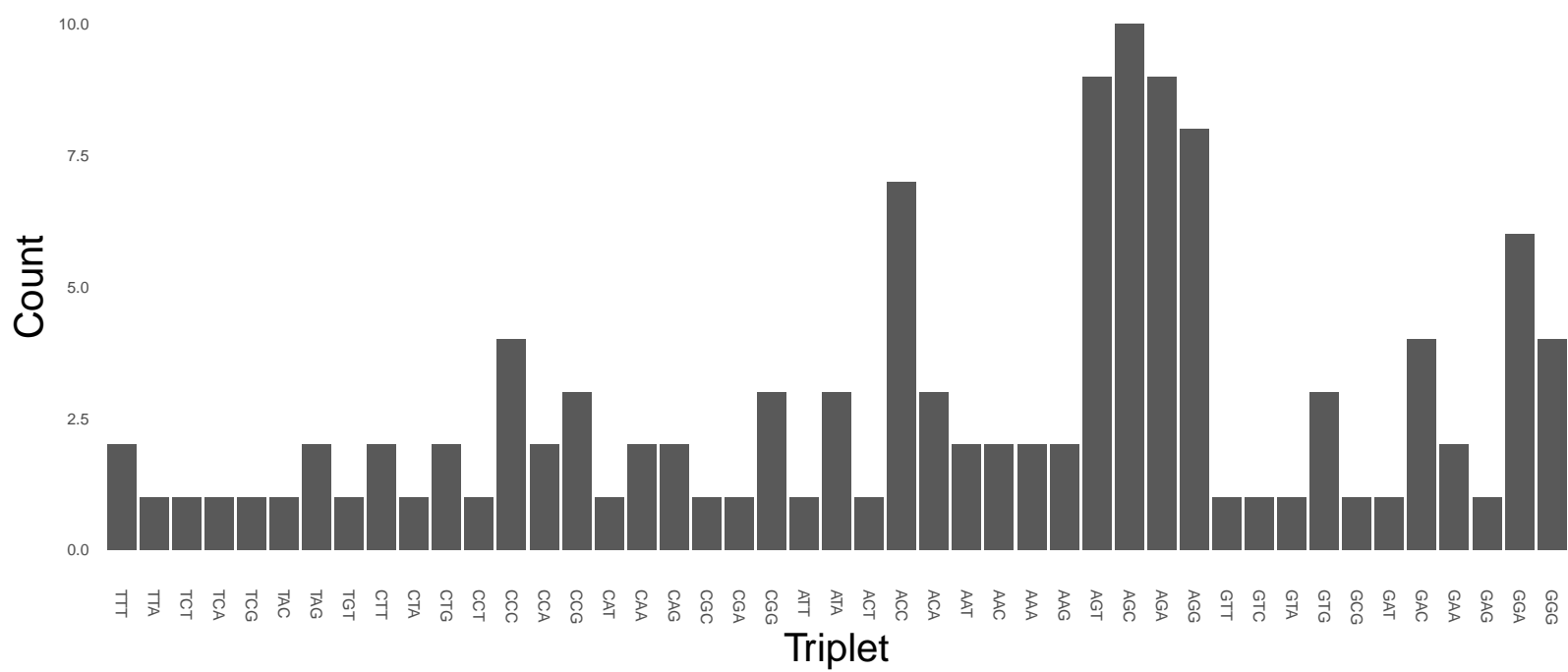
Gene TRBV7-1*ap01_G291C_T296C_C314T



Gene TRBV7-1*ap01_G291C_T296C_C314T

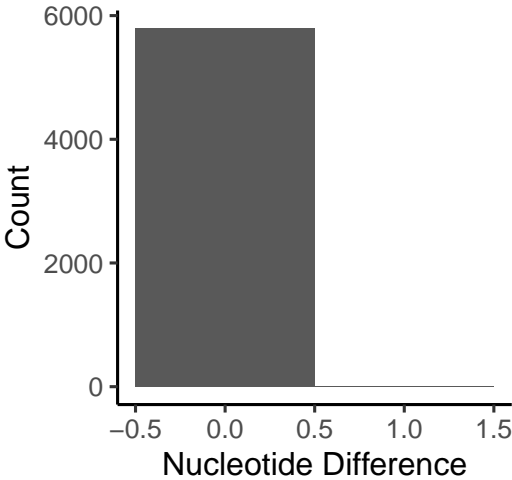


TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet



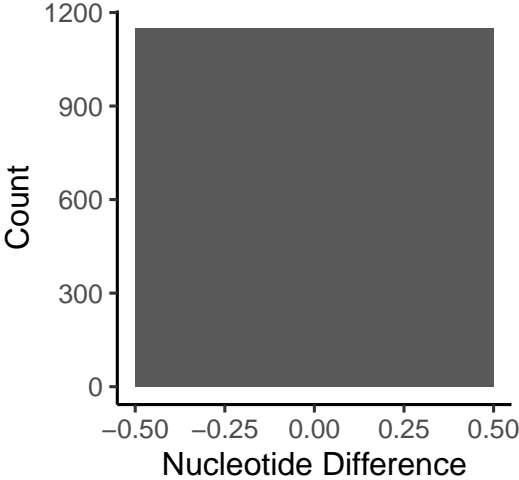
TRBV20-1*ap01

5806 sequences assigned
5793 (99.8%) exact matches, in which:
5785 unique CDR3
14 unique J



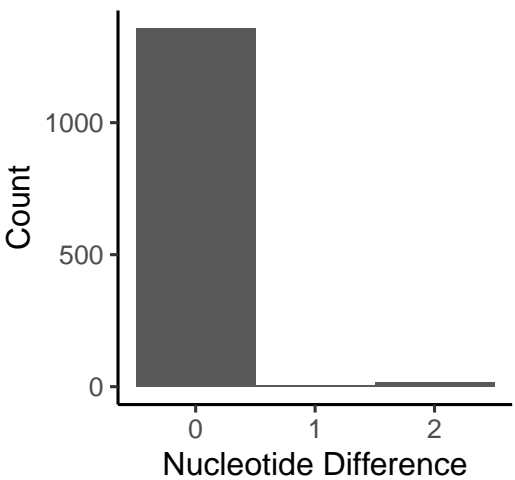
TRBV10-2*ap01

1149 sequences assigned
1149 (100%) exact matches, in which:
1149 unique CDR3
14 unique J



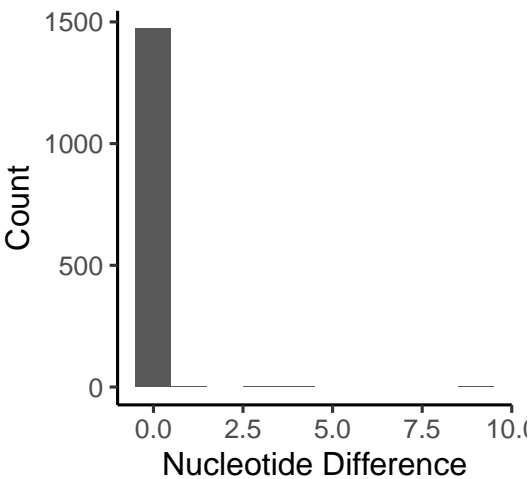
TRBV13*ap01

1381 sequences assigned
1357 (98.3%) exact matches, in which:
1355 unique CDR3
13 unique J



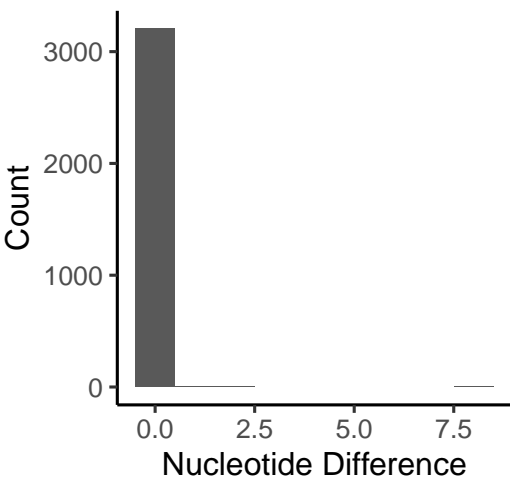
TRBV10-1*ap01

1477 sequences assigned
1472 (99.7%) exact matches, in which:
1472 unique CDR3
13 unique J



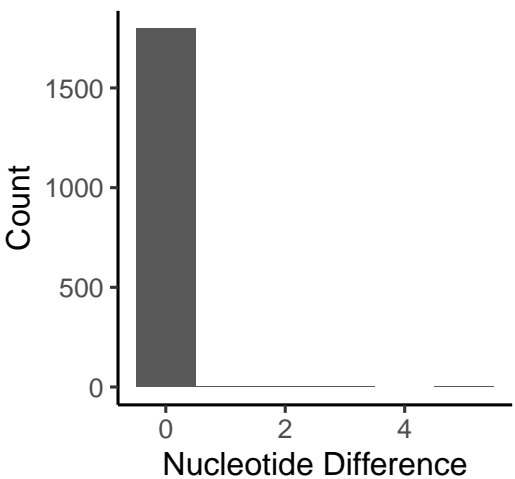
TRBV10-3*ap01

3211 sequences assigned
3205 (99.8%) exact matches, in which:
3204 unique CDR3
13 unique J



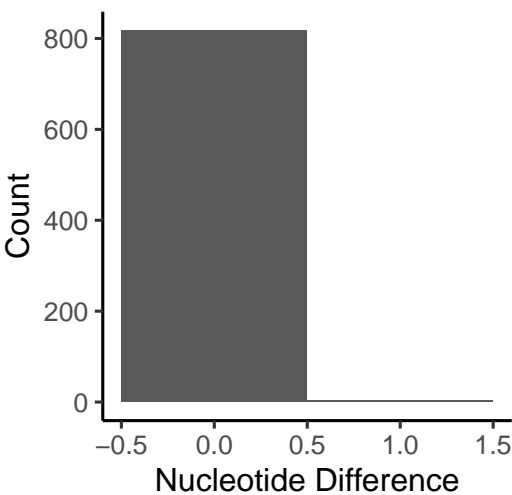
TRBV14*ap01

1805 sequences assigned
1797 (99.6%) exact matches, in which:
1796 unique CDR3
13 unique J



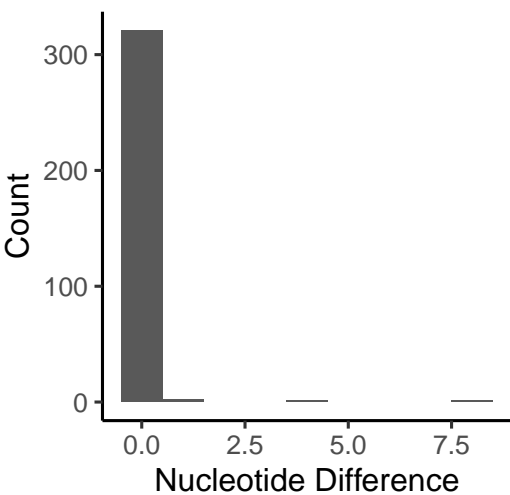
TRBV20-1*ap02

822 sequences assigned
818 (99.5%) exact matches, in which:
817 unique CDR3
13 unique J



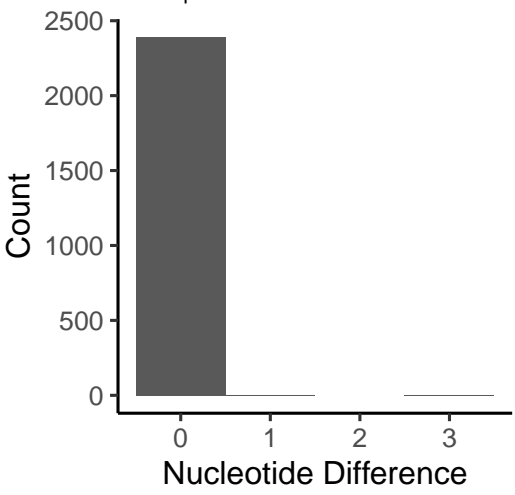
TRBV1*ap01

325 sequences assigned
321 (98.8%) exact matches, in which:
321 unique CDR3
13 unique J



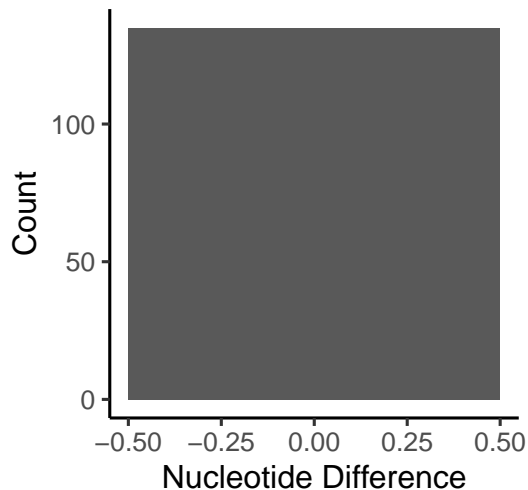
TRBV15*ap02

2393 sequences assigned
2391 (99.9%) exact matches, in which:
2388 unique CDR3
14 unique J



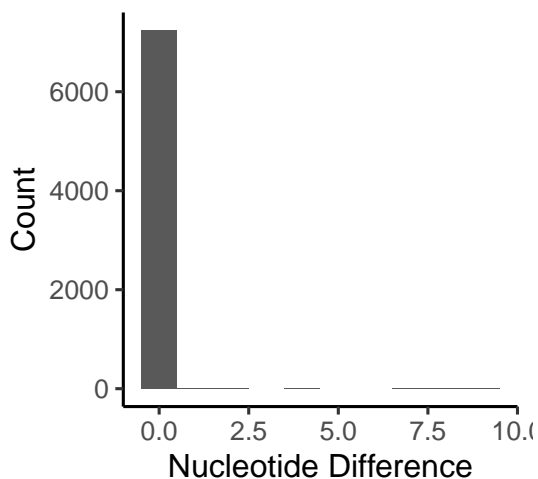
TRBV16*ap01

135 sequences assigned
135 (100%) exact matches, in which:
135 unique CDR3
13 unique J



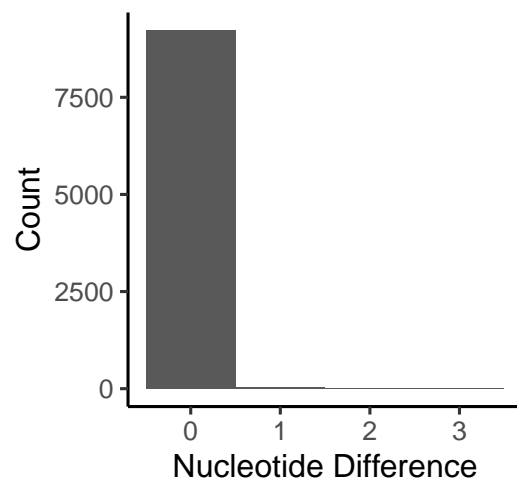
TRBV19*ap01

7255 sequences assigned
7239 (99.8%) exact matches, in which:
7238 unique CDR3
14 unique J



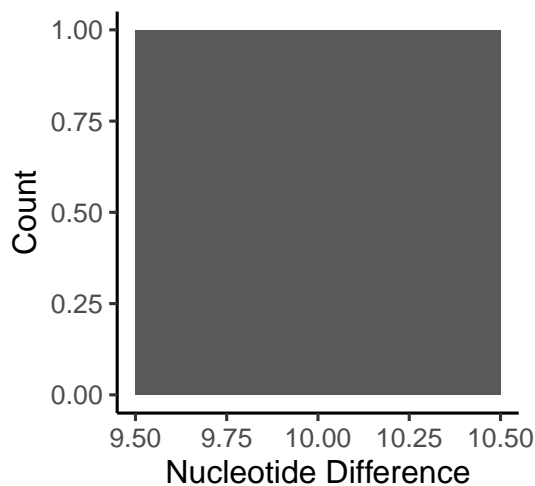
TRBV27*ap01

9261 sequences assigned
9222 (99.6%) exact matches, in which:
9200 unique CDR3
14 unique J



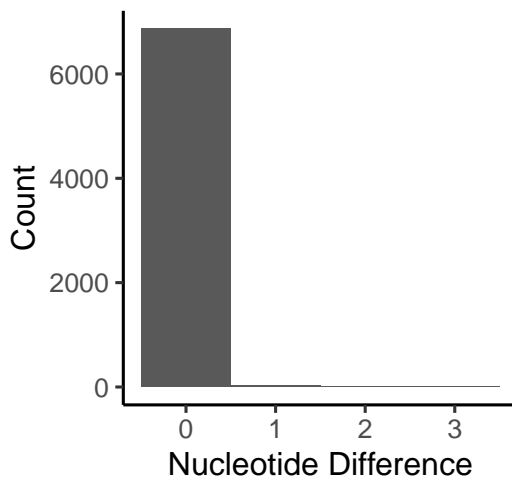
TRBV17*ap01

1 sequences assigned
No exact matches.



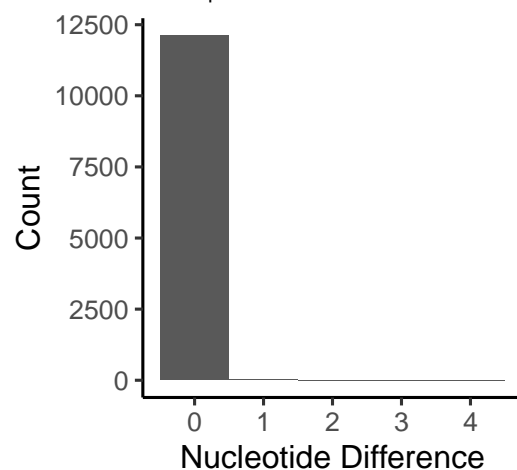
TRBV2*ap01

6900 sequences assigned
6867 (99.5%) exact matches, in which:
6852 unique CDR3
14 unique J



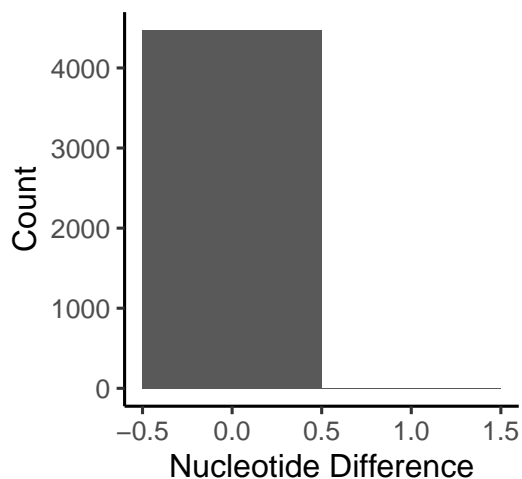
TRBV28*ap01

12152 sequences assigned
12121 (99.7%) exact matches, in which:
12115 unique CDR3
14 unique J



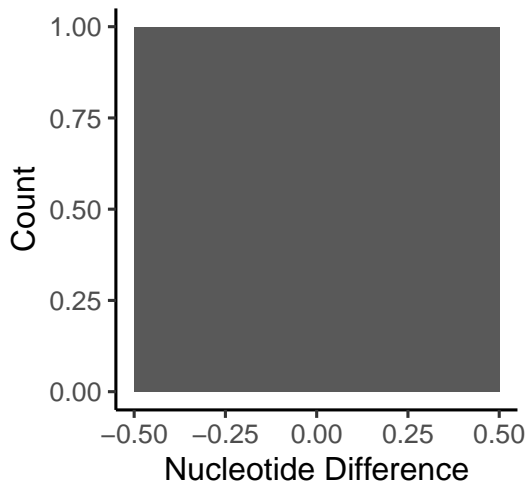
TRBV18*ap01

4479 sequences assigned
4473 (99.9%) exact matches, in which:
4473 unique CDR3
13 unique J



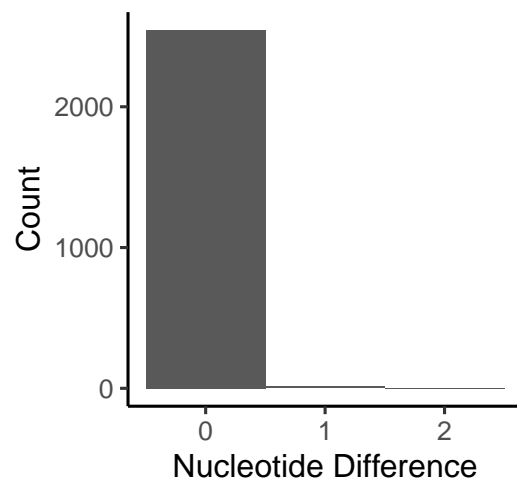
TRBV26*ap01

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



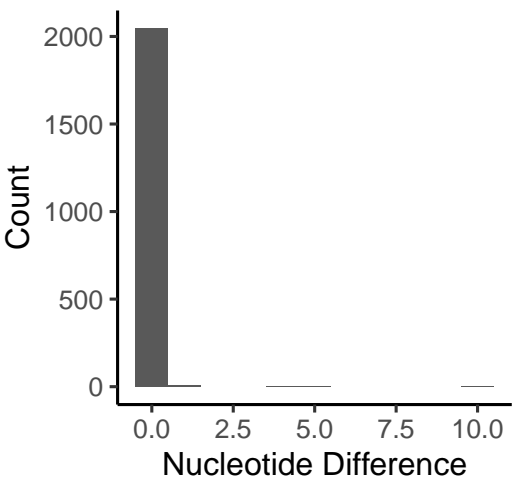
TRBV30*ap01

2560 sequences assigned
2545 (99.4%) exact matches, in which:
2540 unique CDR3
13 unique J



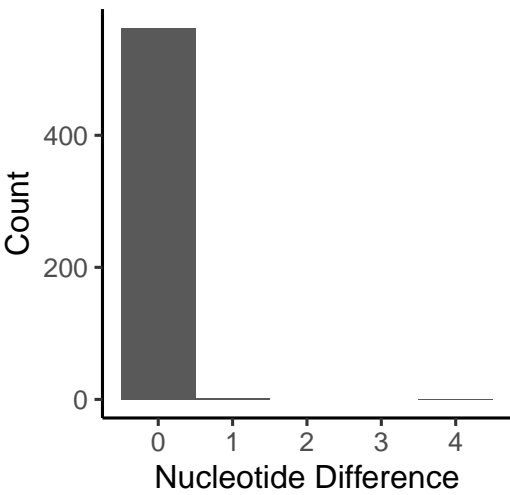
TRBV30*ap02

2056 sequences assigned
2046 (99.5%) exact matches, in which:
2044 unique CDR3
14 unique J



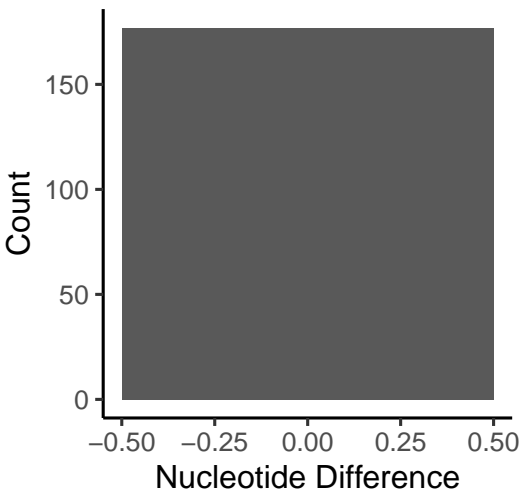
TRBV11-1*ap01

566 sequences assigned
563 (99.5%) exact matches, in which:
562 unique CDR3
13 unique J



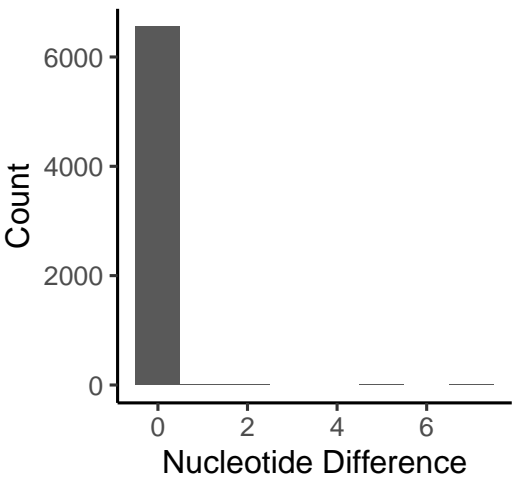
TRBV12-1*ap01

177 sequences assigned
177 (100%) exact matches, in which:
177 unique CDR3
13 unique J



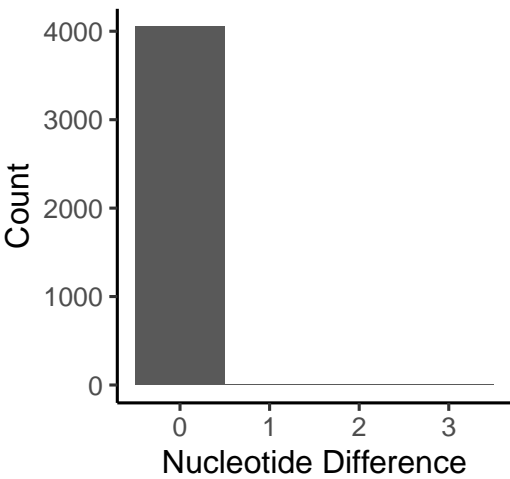
TRBV9*ap01

6563 sequences assigned
6553 (99.8%) exact matches, in which:
6551 unique CDR3
14 unique J



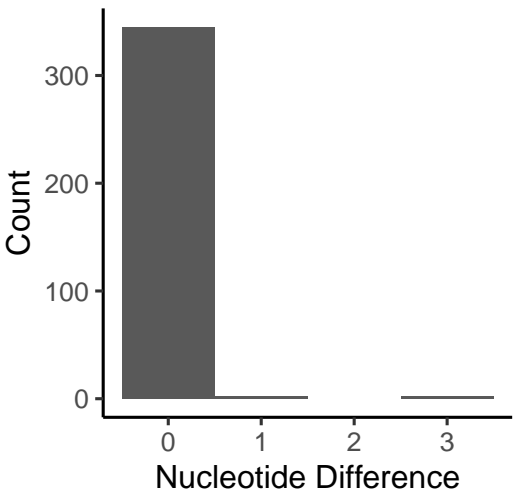
TRBV11-2*ap01

4058 sequences assigned
4051 (99.8%) exact matches, in which:
4050 unique CDR3
13 unique J



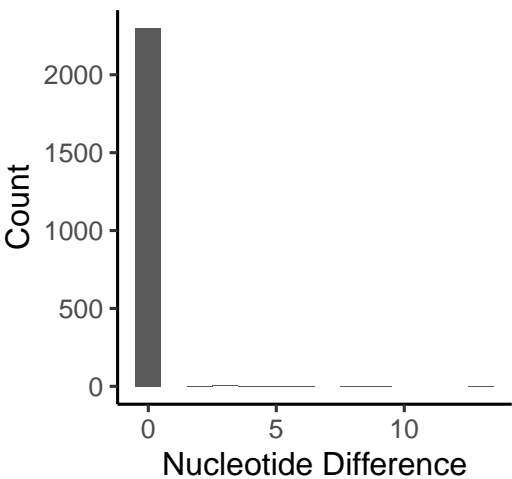
TRBV12-2*ap01

349 sequences assigned
345 (98.9%) exact matches, in which:
345 unique CDR3
13 unique J



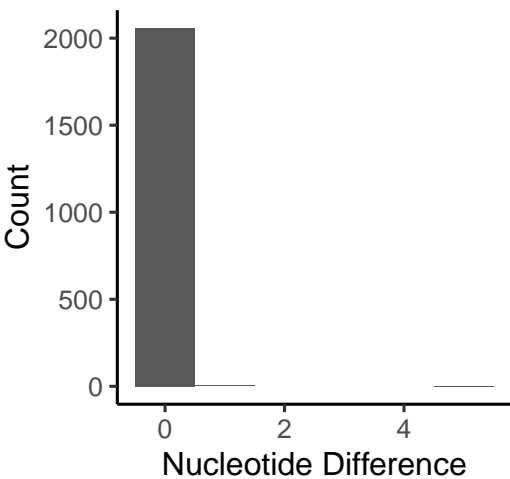
TRBV21-1*ap01

2319 sequences assigned
2300 (99.2%) exact matches, in which:
2300 unique CDR3
14 unique J



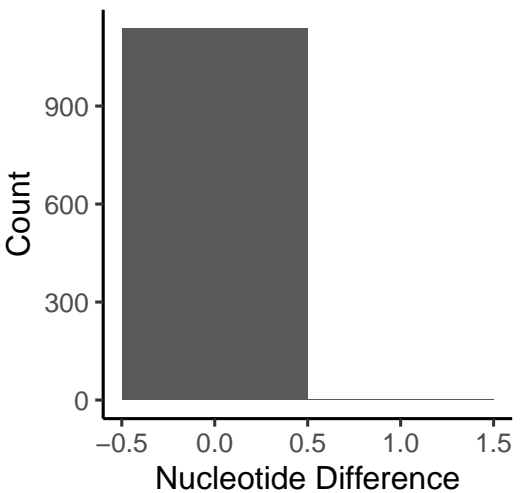
TRBV11-3*ap01

2065 sequences assigned
2058 (99.7%) exact matches, in which:
2058 unique CDR3
13 unique J



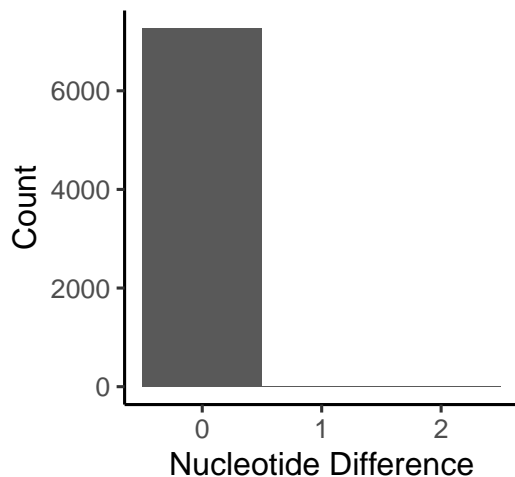
TRBV12-5*ap01

1141 sequences assigned
1138 (99.7%) exact matches, in which:
1137 unique CDR3
13 unique J



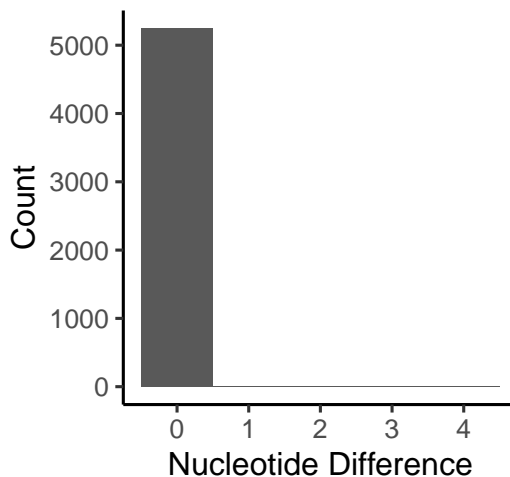
TRBV12-34*ap01

7275 sequences assigned
7265 (99.9%) exact matches, in which:
7262 unique CDR3
14 unique J



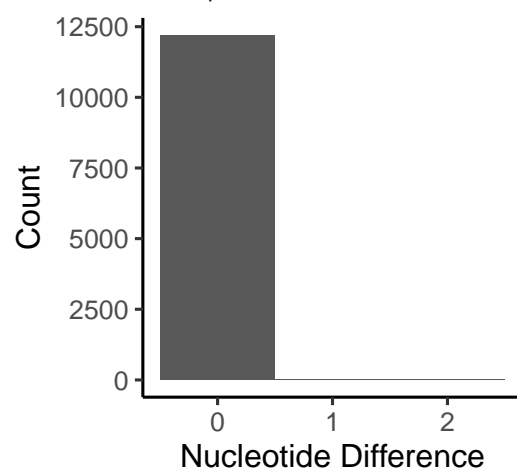
TRBV24-1*ap01

5265 sequences assigned
5246 (99.6%) exact matches, in which:
5239 unique CDR3
14 unique J



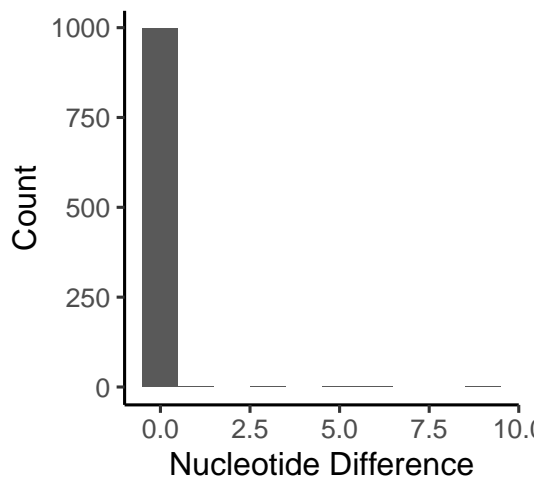
TRBV5-1*ap01

12221 sequences assigned
12200 (99.8%) exact matches, in which:
12168 unique CDR3
14 unique J



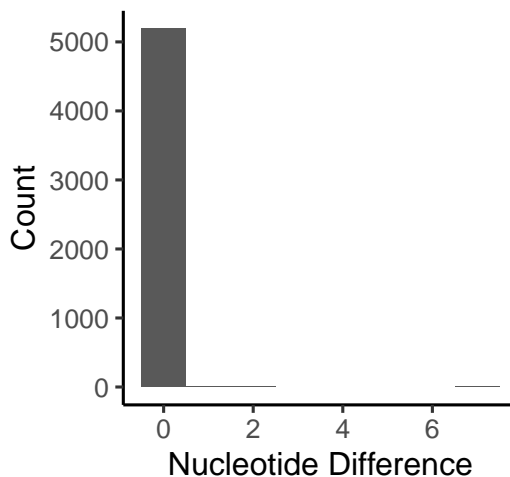
TRBV23-1*ap01

1002 sequences assigned
997 (99.5%) exact matches, in which:
997 unique CDR3
13 unique J



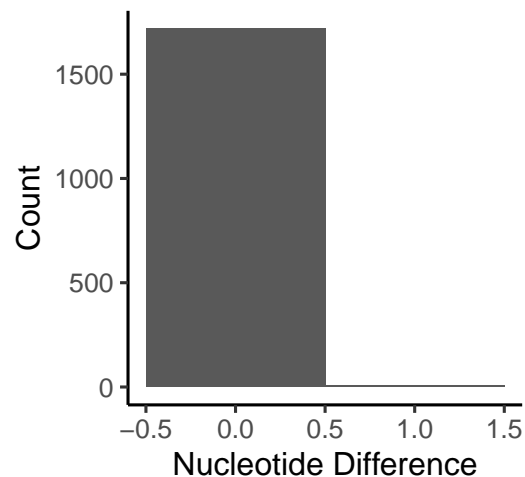
TRBV4-1*ap01

5206 sequences assigned
5191 (99.7%) exact matches, in which:
5187 unique CDR3
14 unique J



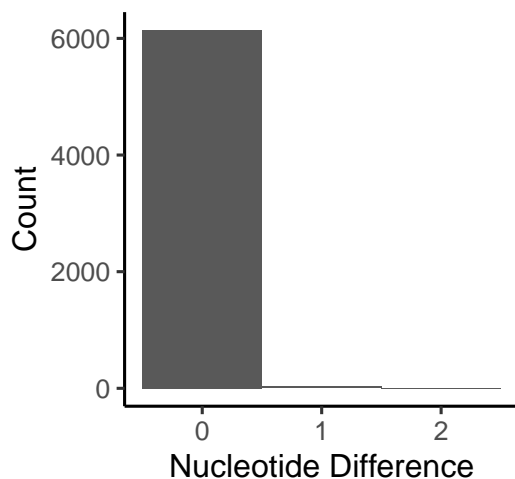
TRBV25-1*ap01

1723 sequences assigned
1718 (99.7%) exact matches, in which:
1717 unique CDR3
14 unique J



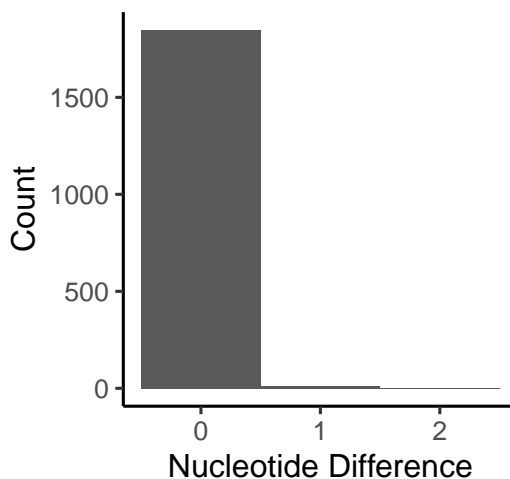
TRBV3-12*ap01

6174 sequences assigned
6143 (99.5%) exact matches, in which:
6130 unique CDR3
14 unique J



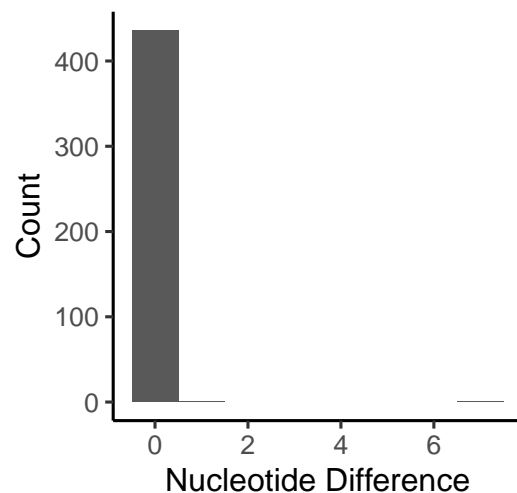
TRBV4-2*ap01

1860 sequences assigned
1847 (99.3%) exact matches, in which:
1842 unique CDR3
14 unique J



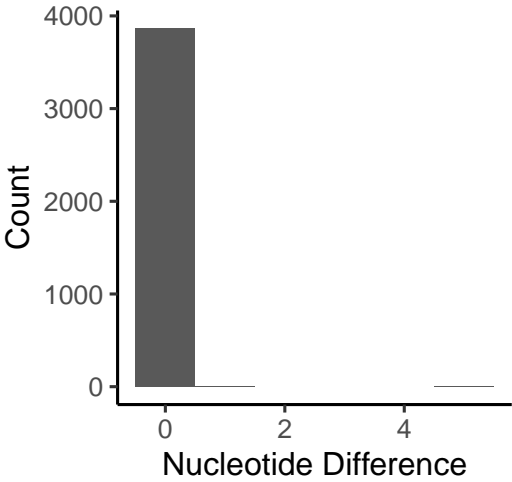
TRBV5-3*ap01

438 sequences assigned
436 (99.5%) exact matches, in which:
436 unique CDR3
13 unique J



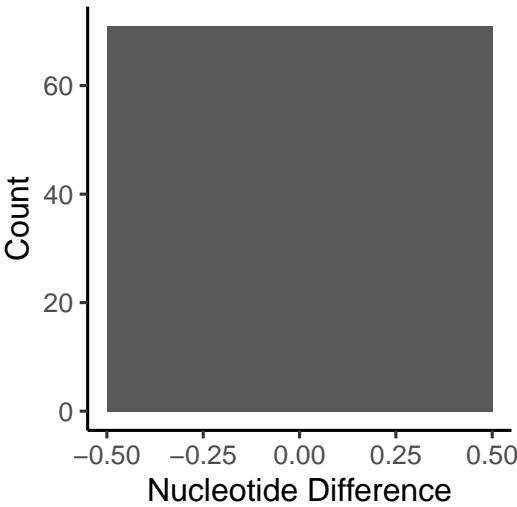
TRBV5-4*ap01

3871 sequences assigned
3865 (99.8%) exact matches, in which:
3865 unique CDR3
14 unique J



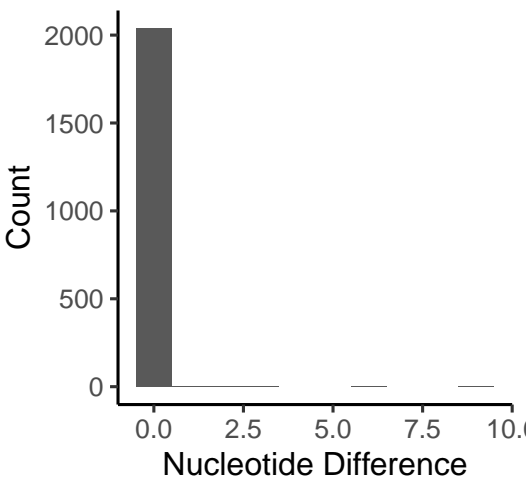
TRBV5-7*ap01

71 sequences assigned
71 (100%) exact matches, in which:
71 unique CDR3
14 unique J



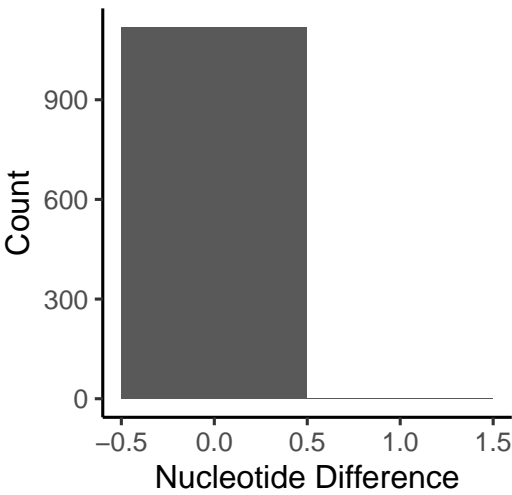
TRBV6-4*ap01

2051 sequences assigned
2038 (99.4%) exact matches, in which:
2038 unique CDR3
13 unique J



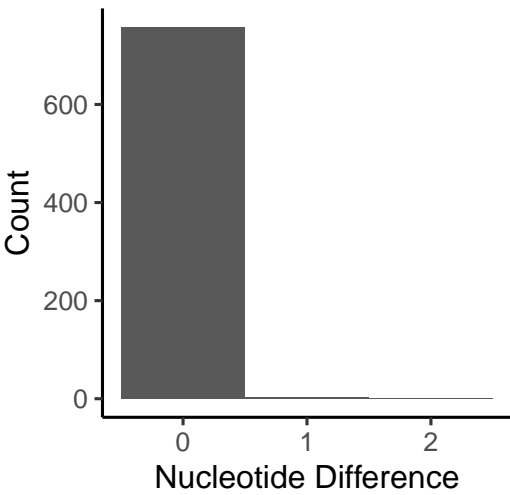
TRBV5-5*ap01

1120 sequences assigned
1119 (99.9%) exact matches, in which:
1118 unique CDR3
13 unique J



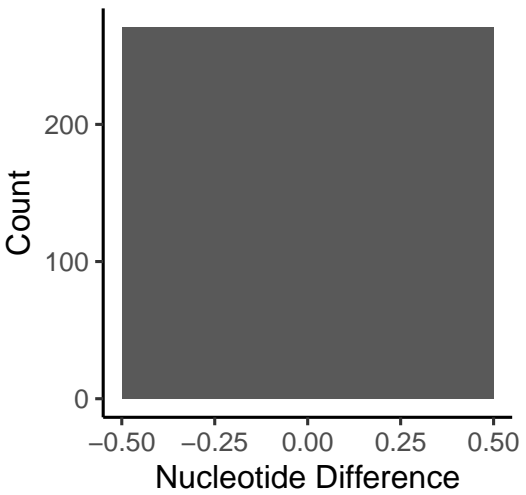
TRBV5-8*ap01

764 sequences assigned
758 (99.2%) exact matches, in which:
758 unique CDR3
13 unique J



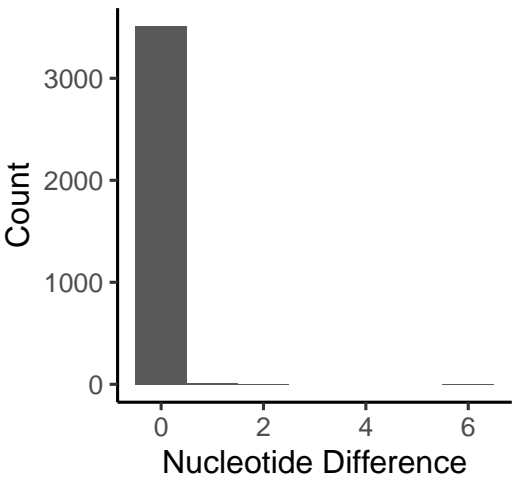
TRBV6-7*ap01

271 sequences assigned
271 (100%) exact matches, in which:
271 unique CDR3
13 unique J



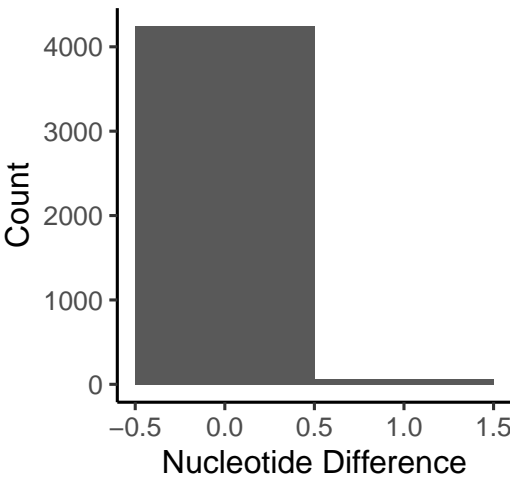
TRBV5-6*ap01

3525 sequences assigned
3512 (99.6%) exact matches, in which:
3494 unique CDR3
14 unique J



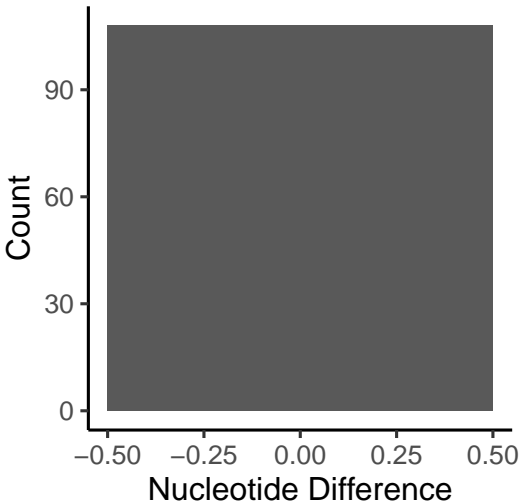
TRBV6-1*ap01

4308 sequences assigned
4246 (98.6%) exact matches, in which:
4234 unique CDR3
13 unique J



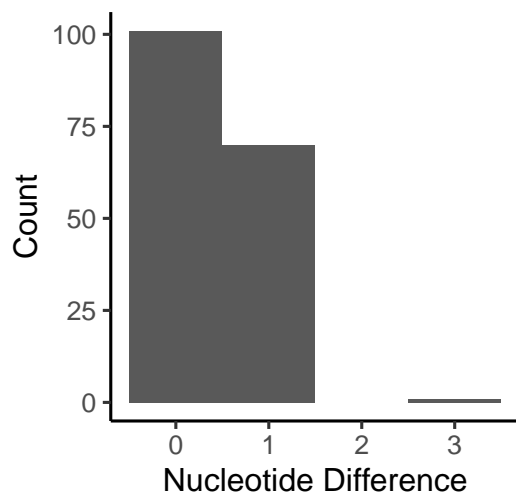
TRBV6-8*ap01

108 sequences assigned
108 (100%) exact matches, in which:
108 unique CDR3
13 unique J



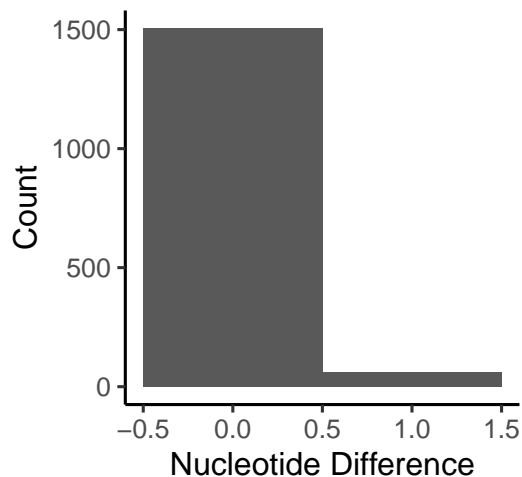
TRBV6-9*ap01

172 sequences assigned
101 (58.7%) exact matches, in which:
101 unique CDR3
13 unique J



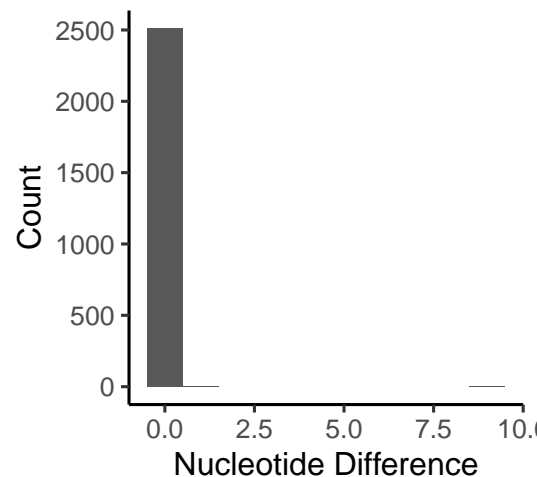
TRBV6-56*ap02

1567 sequences assigned
1505 (96%) exact matches, in which:
1503 unique CDR3
14 unique J



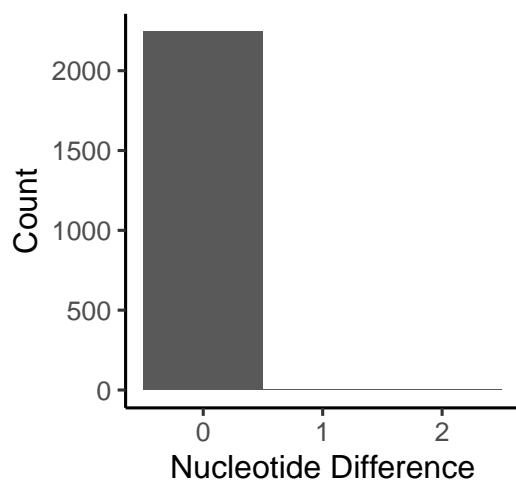
TRBV7-2*ap01

2515 sequences assigned
2511 (99.8%) exact matches, in which:
2511 unique CDR3
13 unique J



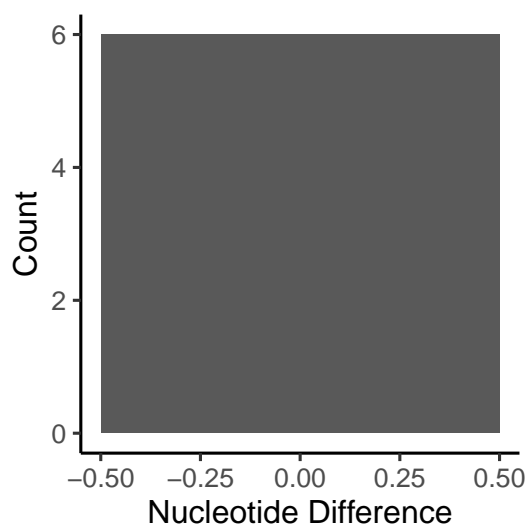
TRBV6-23*ap01

2250 sequences assigned
2244 (99.7%) exact matches, in which:
2241 unique CDR3
13 unique J



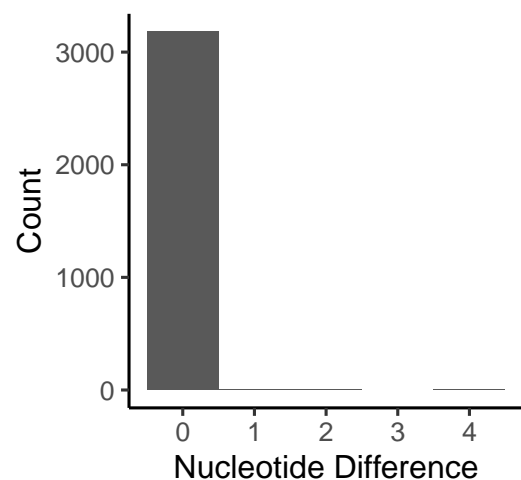
TRBV7-1*ap01

6 sequences assigned
6 (100%) exact matches, in which:
6 unique CDR3
5 unique J



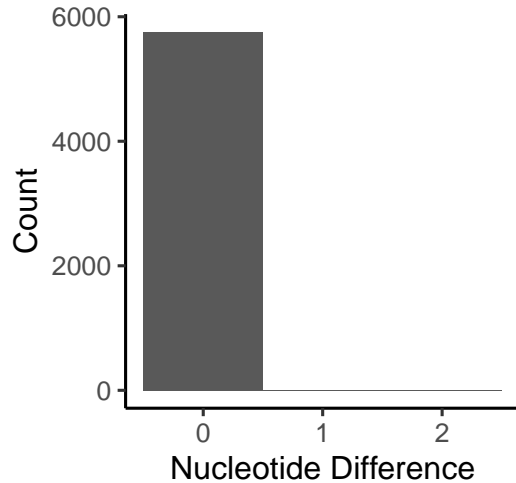
TRBV7-3*ap01

3186 sequences assigned
3181 (99.8%) exact matches, in which:
3179 unique CDR3
14 unique J



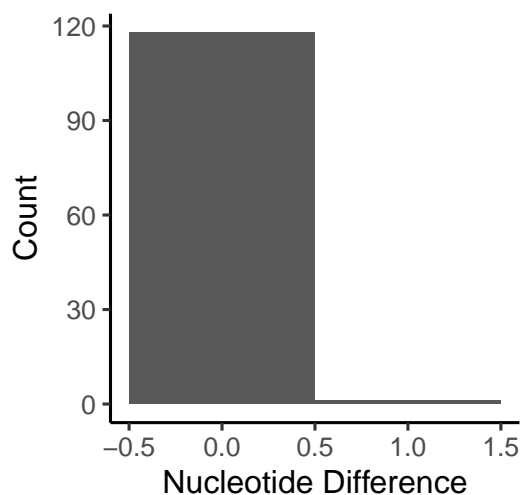
TRBV6-56*ap01

5764 sequences assigned
5754 (99.8%) exact matches, in which:
5749 unique CDR3
14 unique J



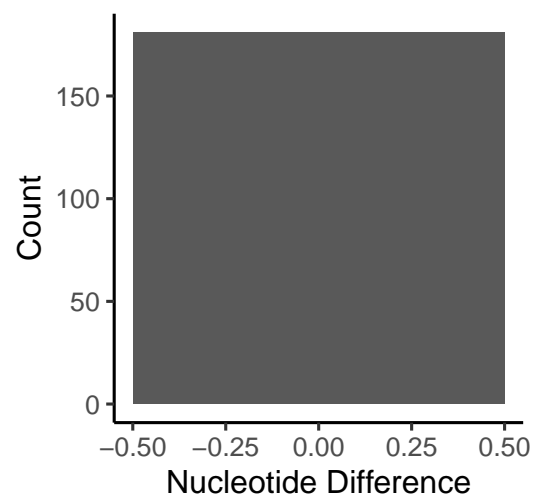
TRBV7-1*ap01_G291C_

119 sequences assigned
118 (99.2%) exact matches, in which:
118 unique CDR3
12 unique J



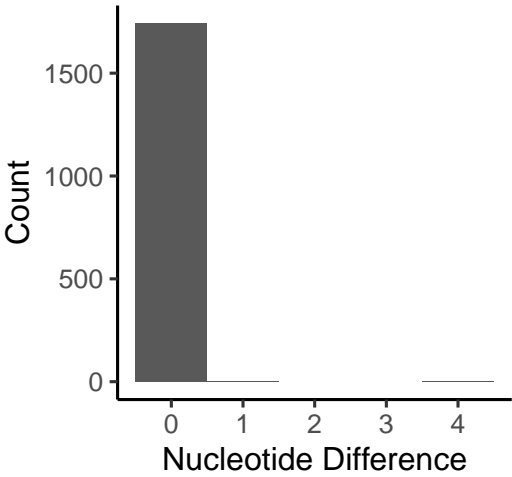
TRBV7-4*ap01

181 sequences assigned
181 (100%) exact matches, in which:
181 unique CDR3
13 unique J



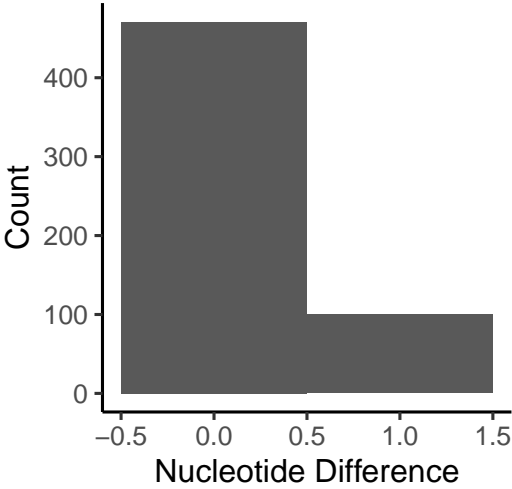
TRBV7-6*ap01

1745 sequences assigned
1742 (99.8%) exact matches, in which:
1741 unique CDR3
14 unique J



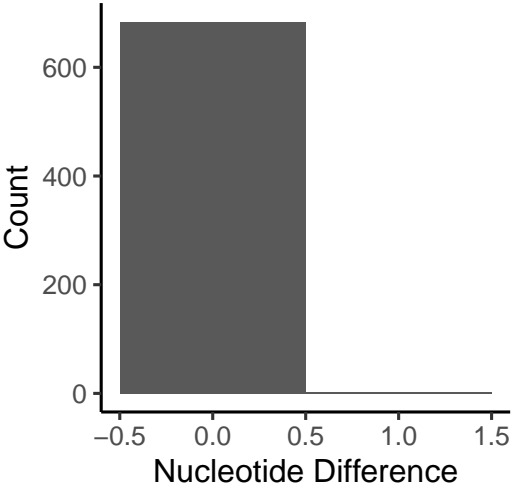
TRBV7-8*ap03

571 sequences assigned
471 (82.5%) exact matches, in which:
471 unique CDR3
13 unique J



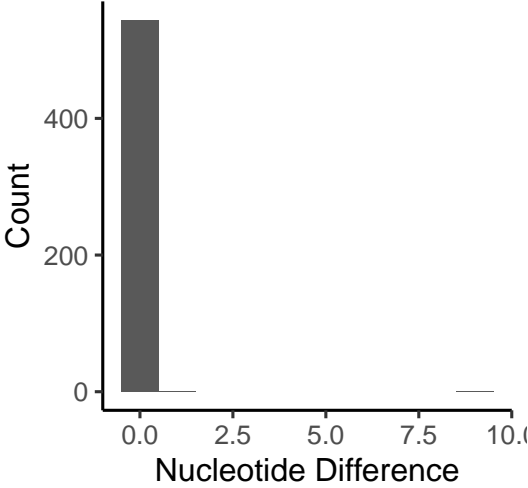
TRBV29-1*ap02

687 sequences assigned
684 (99.6%) exact matches, in which:
683 unique CDR3
13 unique J



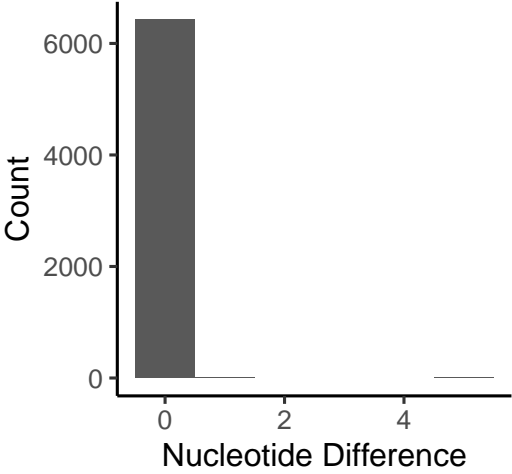
TRBV7-7*ap01

546 sequences assigned
544 (99.6%) exact matches, in which:
544 unique CDR3
13 unique J



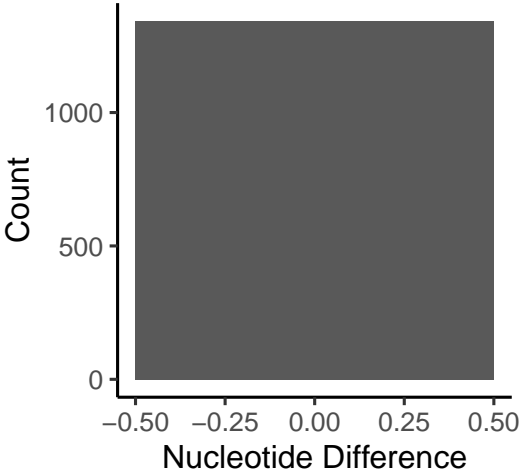
TRBV7-9*ap01

6430 sequences assigned
6425 (99.9%) exact matches, in which:
6422 unique CDR3
14 unique J



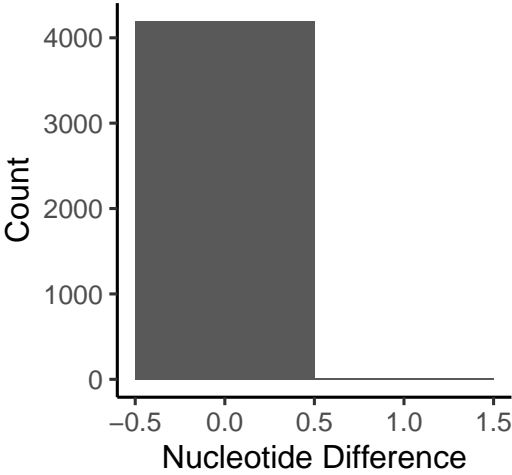
TRBV7-8*ap01

1343 sequences assigned
1343 (100%) exact matches, in which:
1343 unique CDR3
13 unique J

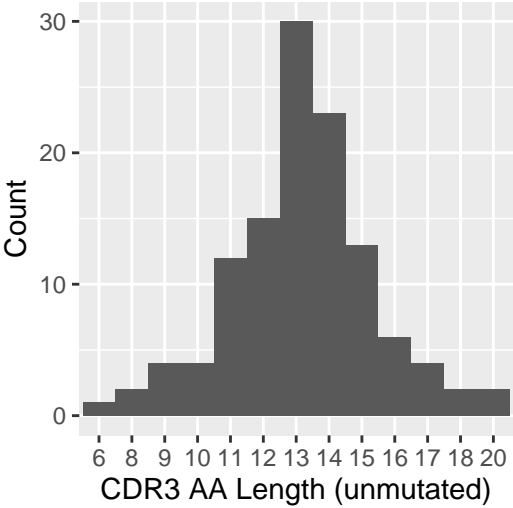


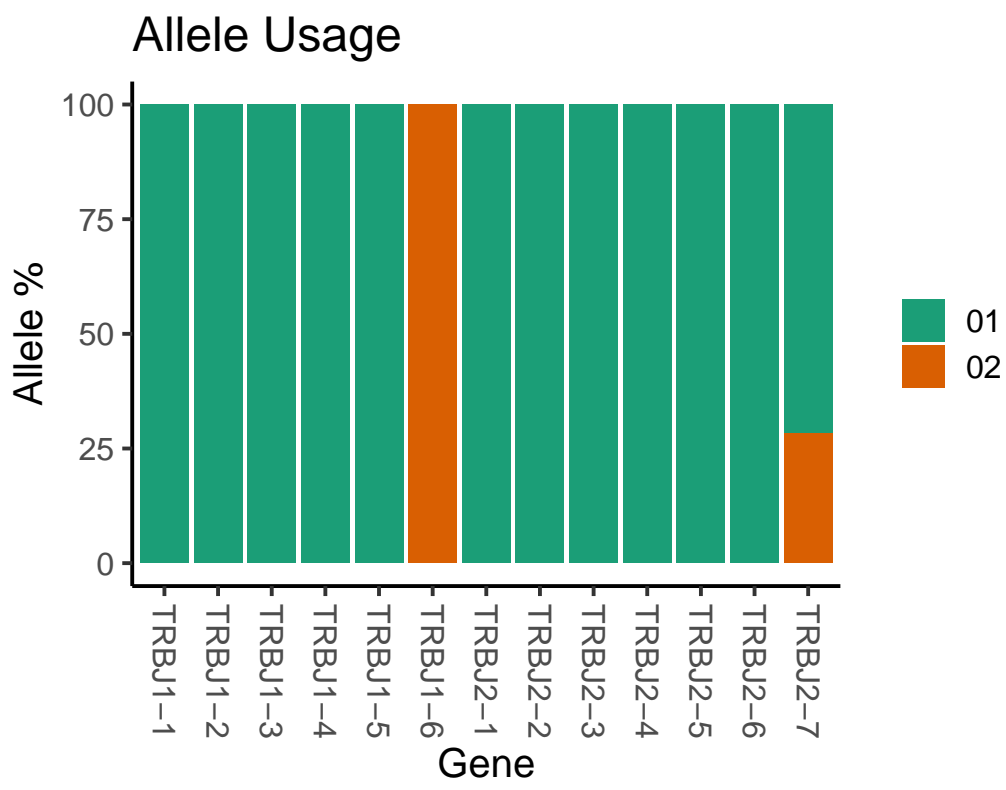
TRBV29-1*ap01

4210 sequences assigned
4196 (99.7%) exact matches, in which:
4184 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C_C314T





Sequence Count by TRBJ2-7 allele usage



