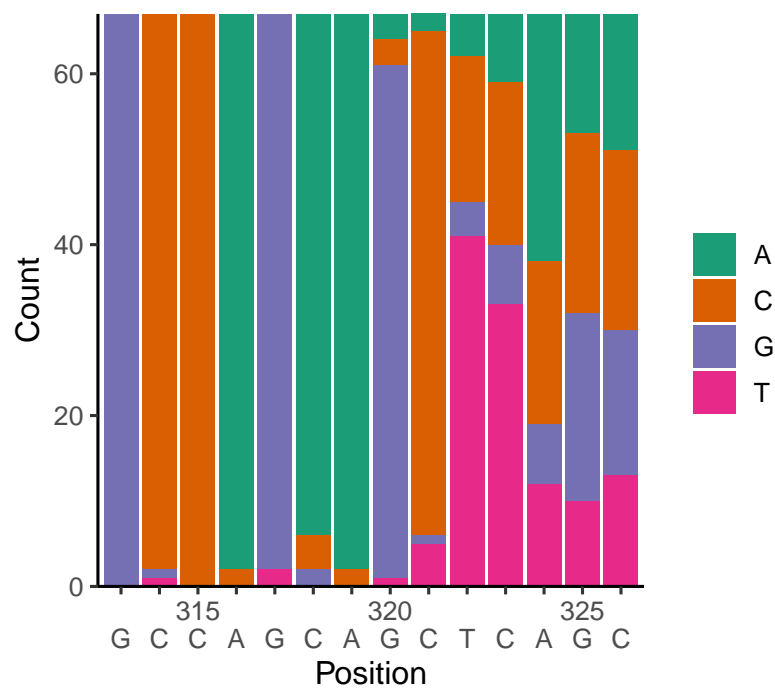
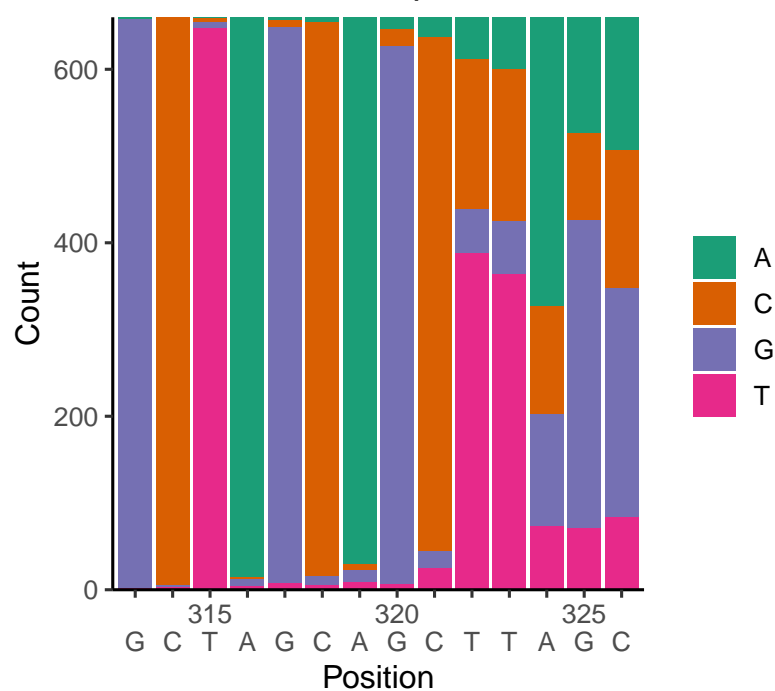


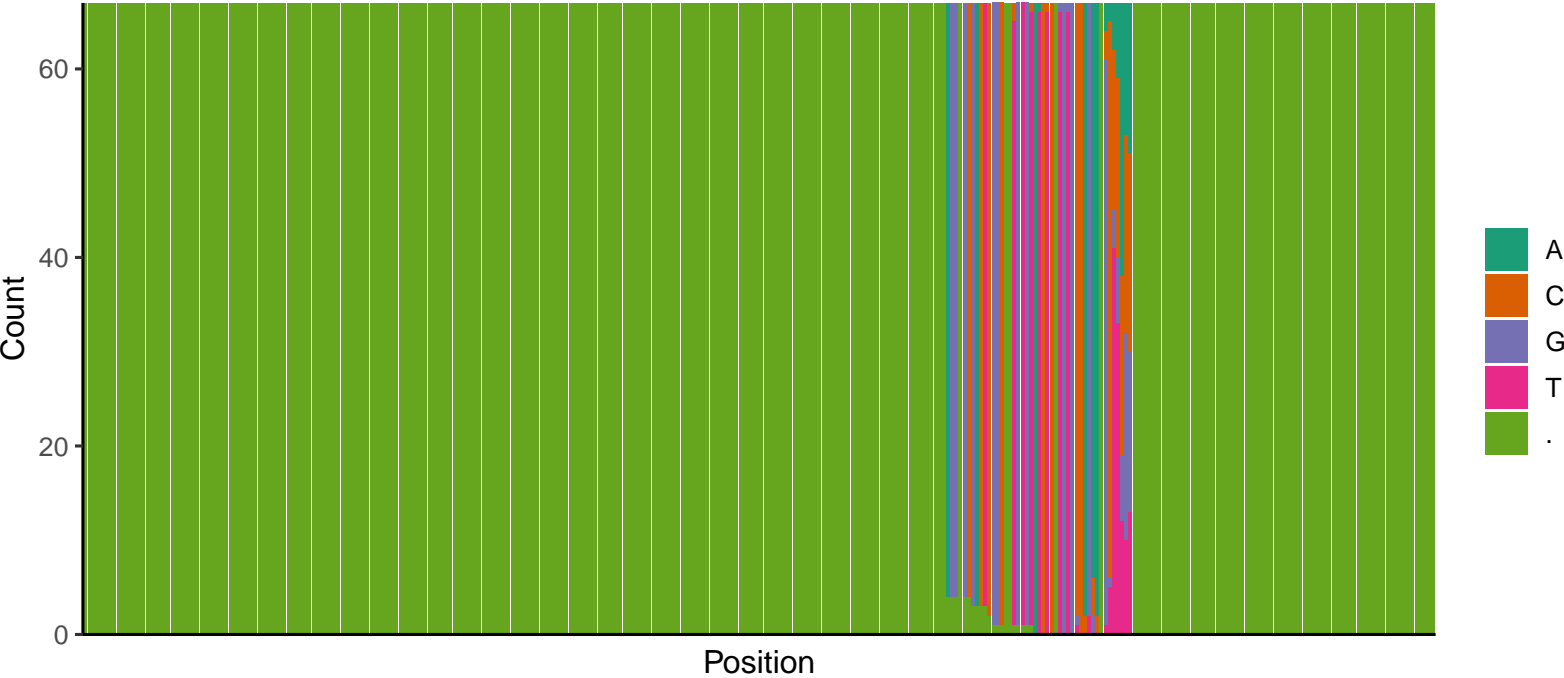
Gene TRBV7-1*ap01_G291C_T296C



Gene TRBV7-7*ap01_C315T



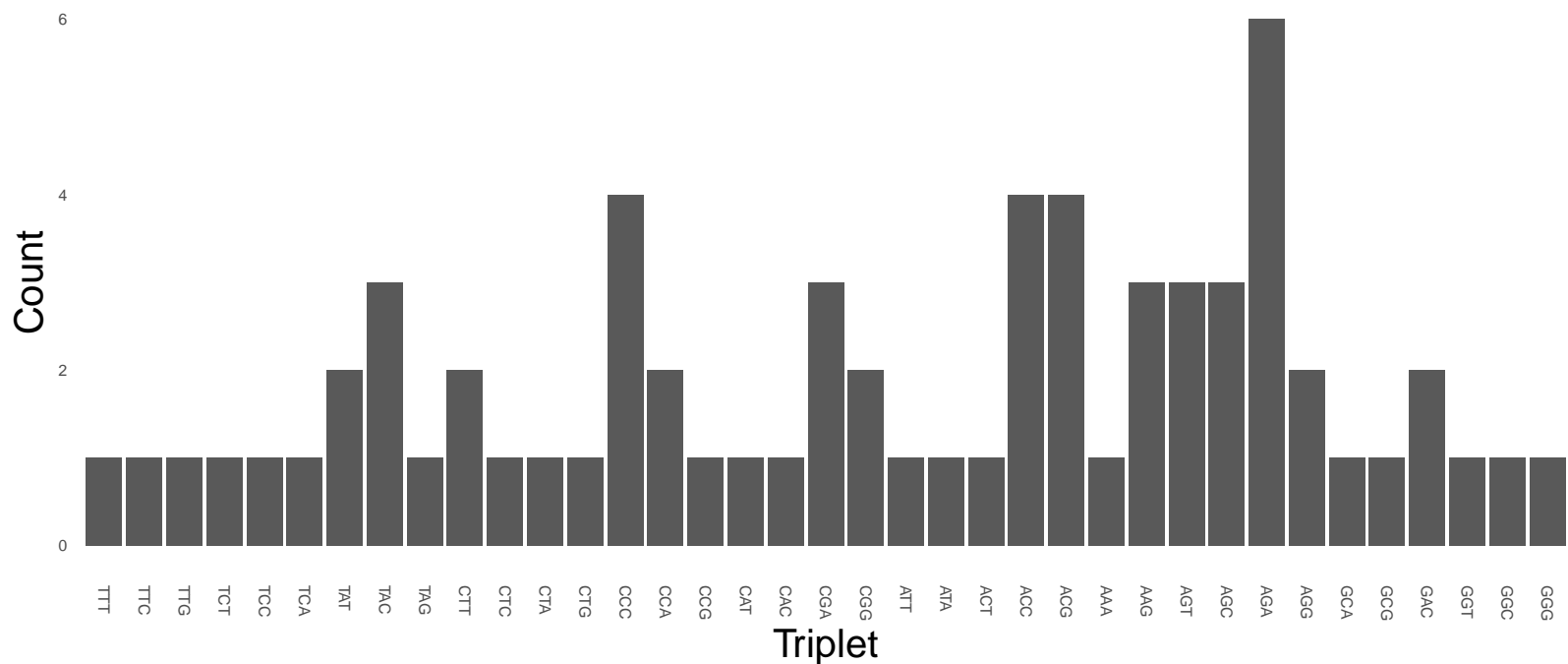
Gene TRBV7-1*ap01_G291C_T296C



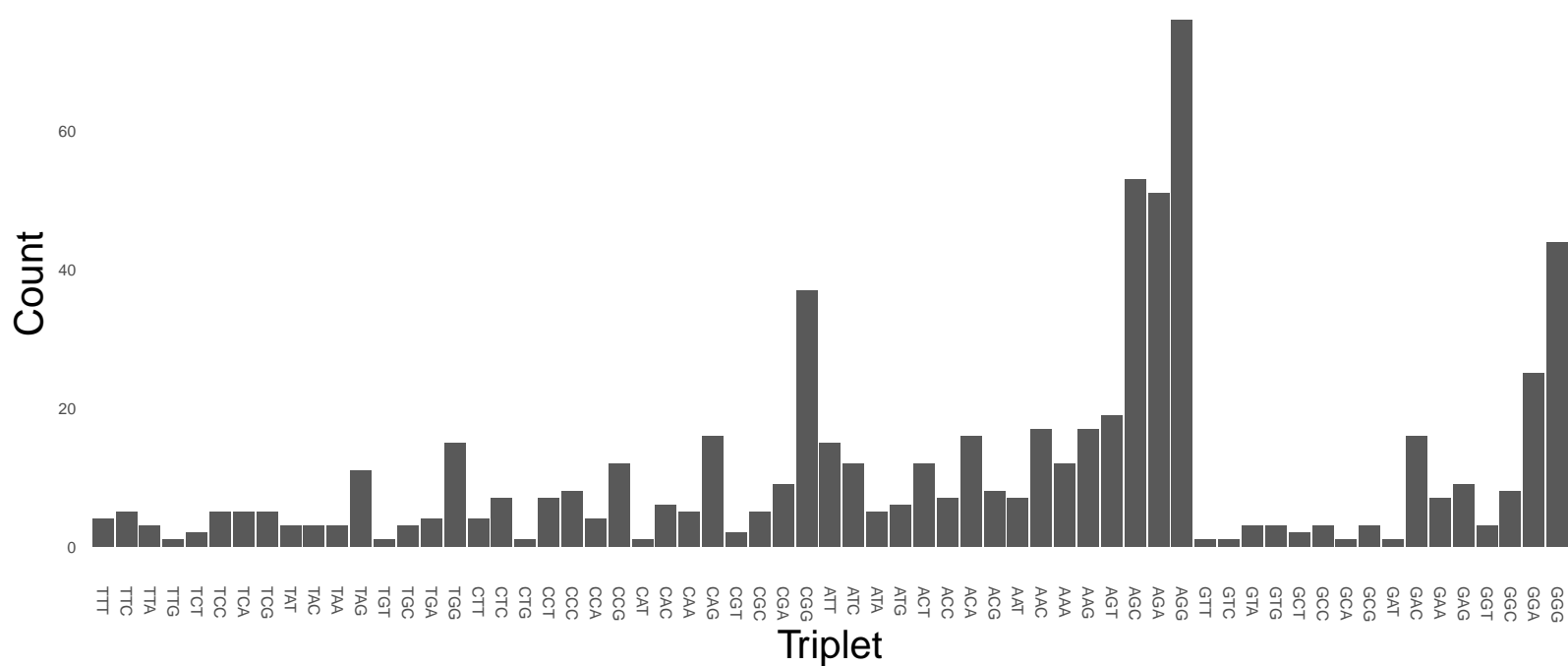
Gene TRBV7-7*ap01_C315T



TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet

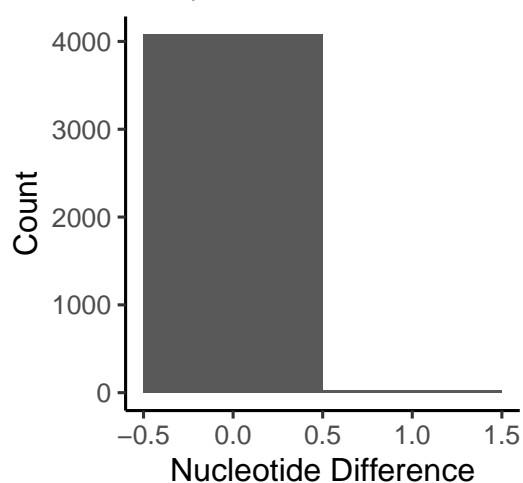


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



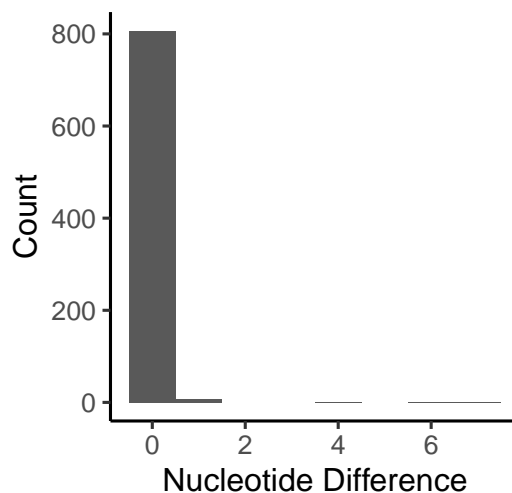
TRBV20–1*ap01

4110 sequences assigned
4080 (99.3%) exact matches, in which:
4058 unique CDR3
13 unique J



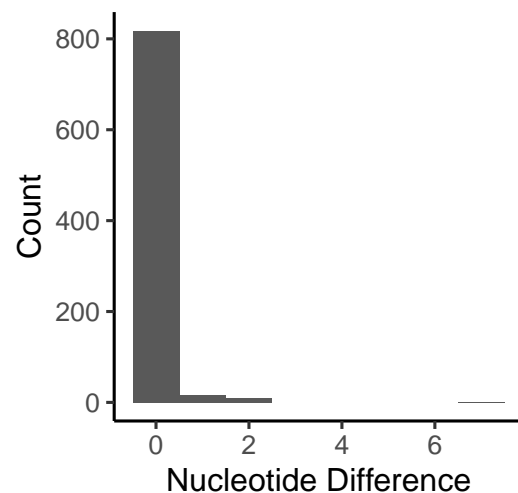
TRBV10–2*ap01

817 sequences assigned
807 (98.8%) exact matches, in which:
803 unique CDR3
13 unique J



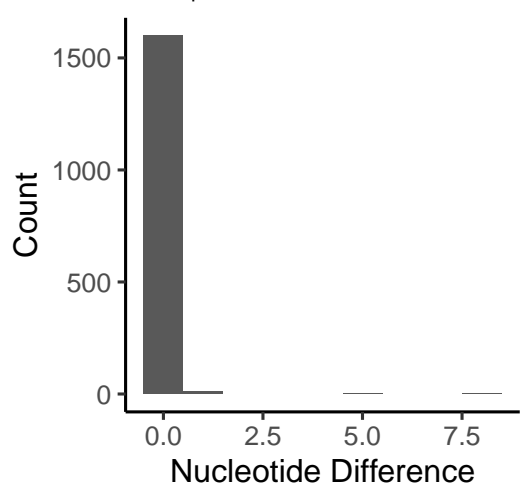
TRBV13*ap01

844 sequences assigned
818 (96.9%) exact matches, in which:
809 unique CDR3
13 unique J



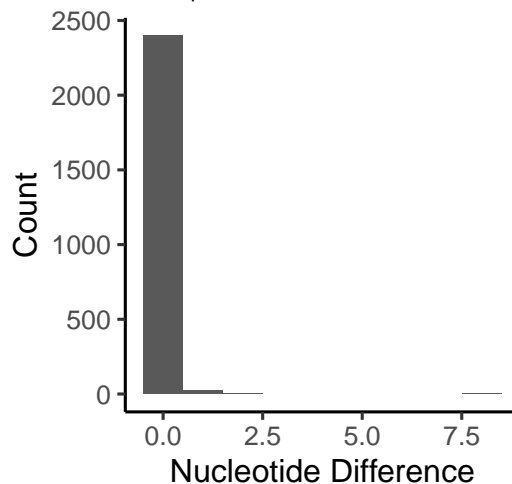
TRBV10–1*ap01

1612 sequences assigned
1599 (99.2%) exact matches, in which:
1580 unique CDR3
13 unique J



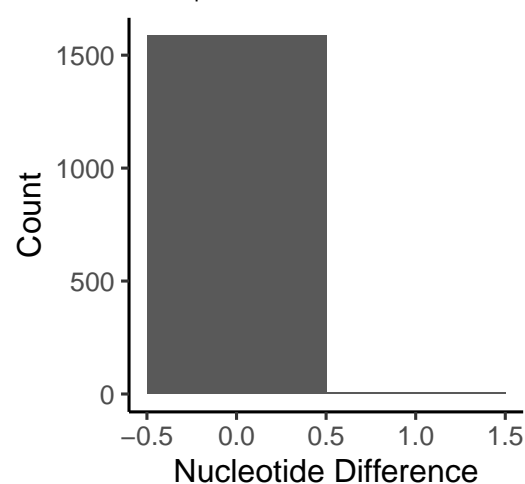
TRBV10–3*ap01

2422 sequences assigned
2398 (99%) exact matches, in which:
2372 unique CDR3
13 unique J



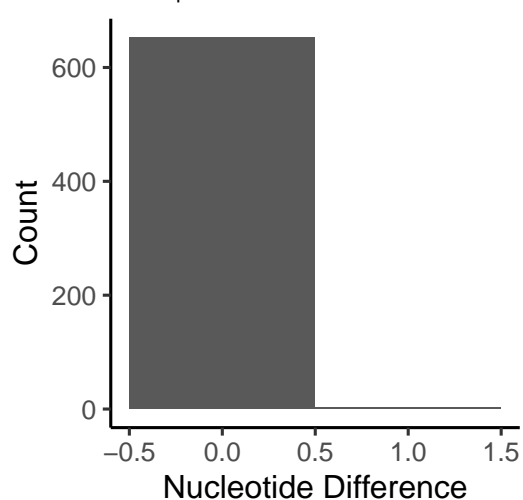
TRBV14*ap01

1592 sequences assigned
1586 (99.6%) exact matches, in which:
1578 unique CDR3
13 unique J



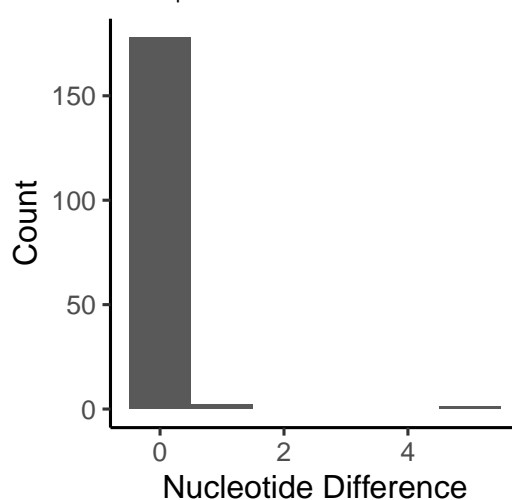
TRBV20–1*ap02

655 sequences assigned
653 (99.7%) exact matches, in which:
650 unique CDR3
13 unique J



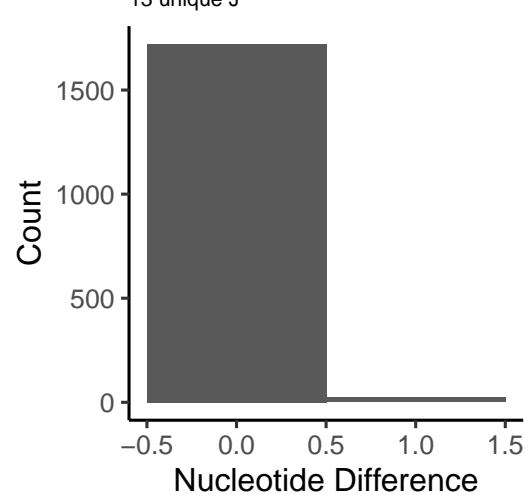
TRBV1*ap01

181 sequences assigned
178 (98.3%) exact matches, in which:
178 unique CDR3
13 unique J



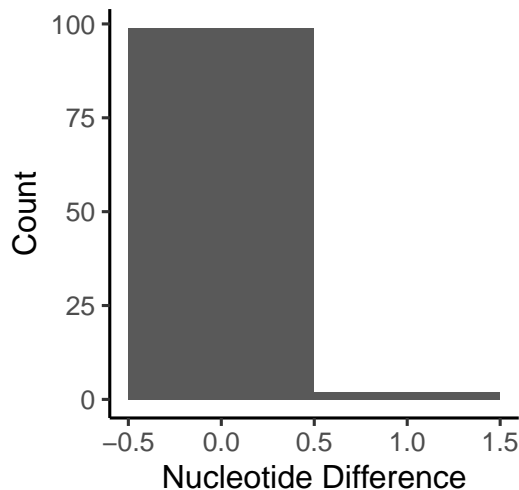
TRBV15*ap02

1744 sequences assigned
1721 (98.7%) exact matches, in which:
1705 unique CDR3
13 unique J



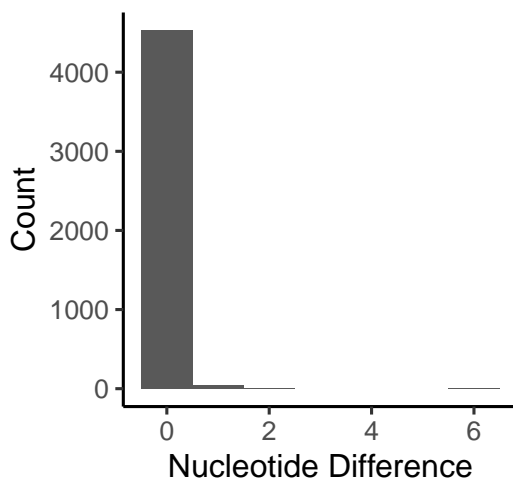
TRBV16*ap01

101 sequences assigned
99 (98%) exact matches, in which:
98 unique CDR3
13 unique J



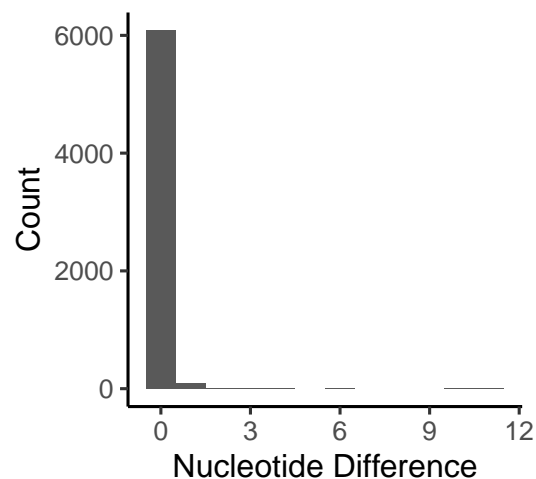
TRBV2*ap01

4572 sequences assigned
4528 (99%) exact matches, in which:
4483 unique CDR3
13 unique J



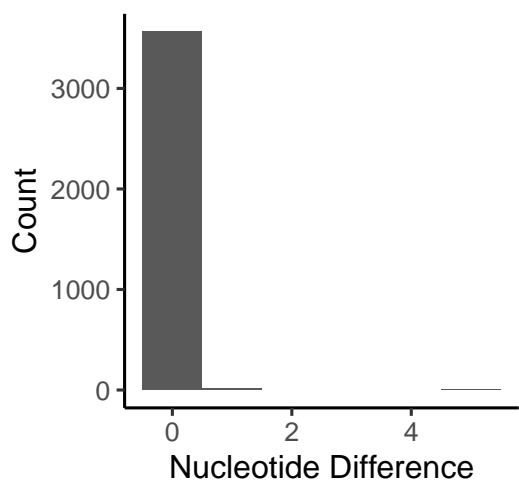
TRBV30*ap01

6193 sequences assigned
6084 (98.2%) exact matches, in which:
5976 unique CDR3
13 unique J



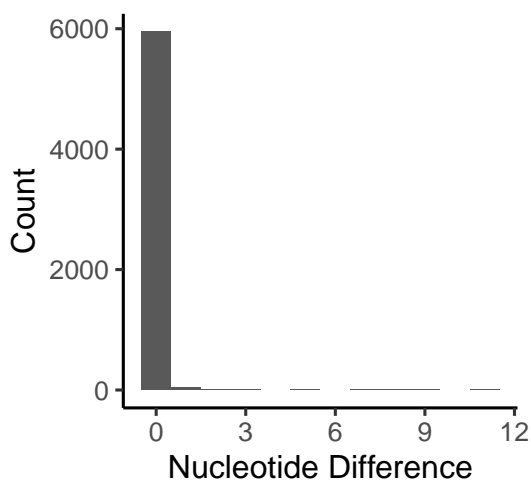
TRBV18*ap01

3578 sequences assigned
3564 (99.6%) exact matches, in which:
3552 unique CDR3
13 unique J



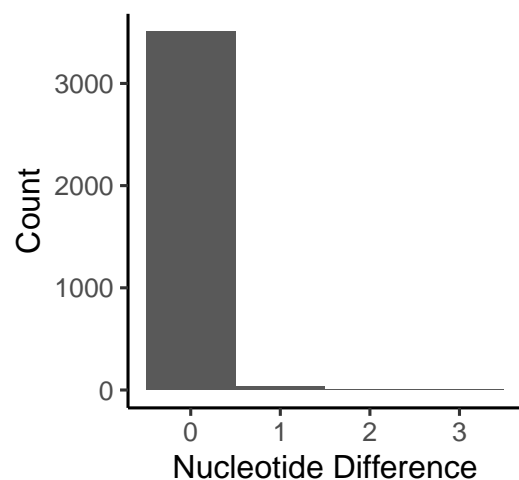
TRBV27*ap01

6001 sequences assigned
5950 (99.2%) exact matches, in which:
5905 unique CDR3
13 unique J



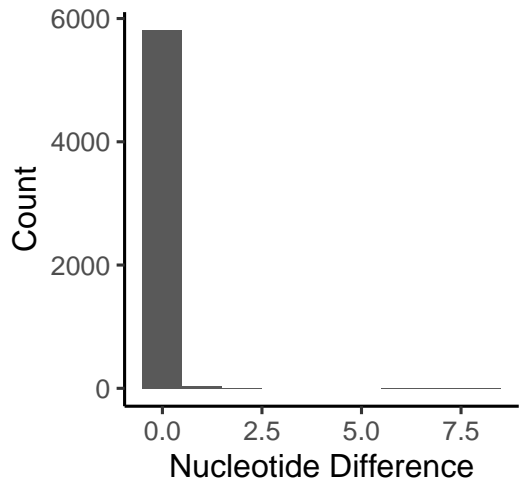
TRBV9*ap01

3547 sequences assigned
3506 (98.8%) exact matches, in which:
3482 unique CDR3
13 unique J



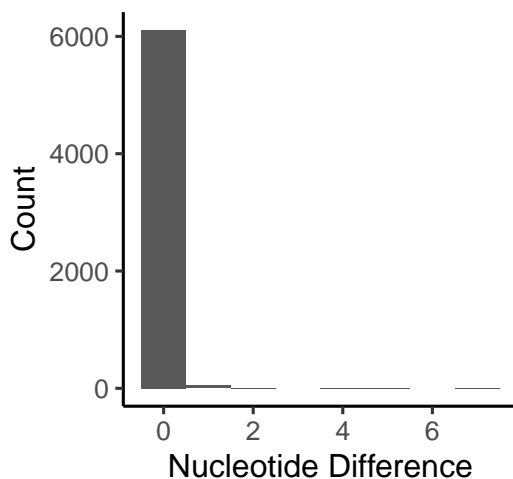
TRBV19*ap01

5852 sequences assigned
5813 (99.3%) exact matches, in which:
5786 unique CDR3
13 unique J



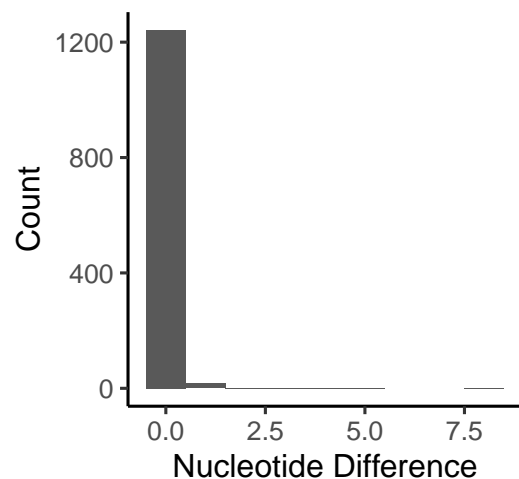
TRBV28*ap01

6164 sequences assigned
6108 (99.1%) exact matches, in which:
6074 unique CDR3
13 unique J



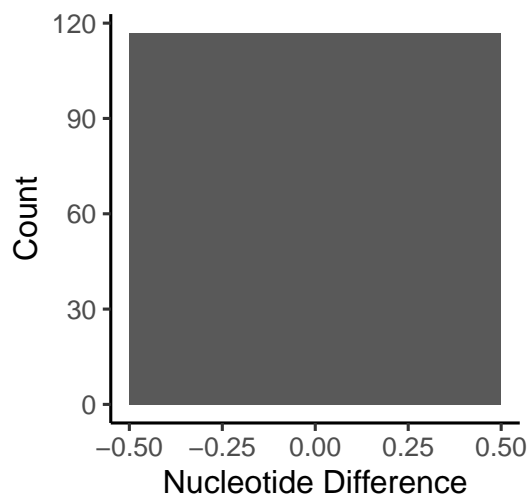
TRBV21-1*ap01

1267 sequences assigned
1242 (98%) exact matches, in which:
1240 unique CDR3
13 unique J



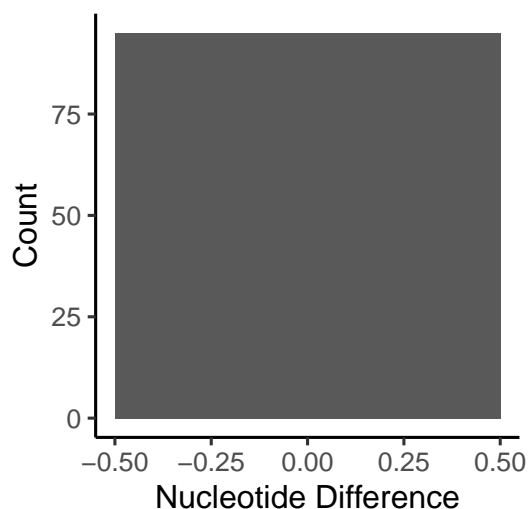
TRBV11-1*ap01

117 sequences assigned
117 (100%) exact matches, in which:
117 unique CDR3
13 unique J



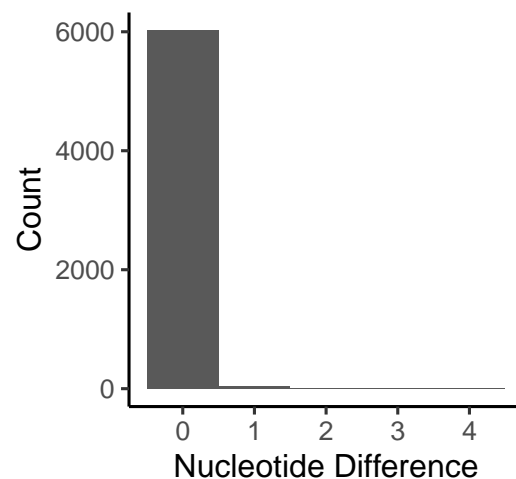
TRBV12-1*ap01

95 sequences assigned
95 (100%) exact matches, in which:
95 unique CDR3
13 unique J



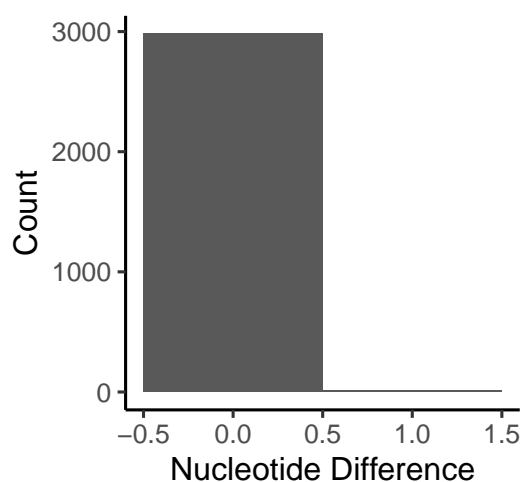
TRBV12-34*ap01

6075 sequences assigned
6023 (99.1%) exact matches, in which:
5974 unique CDR3
13 unique J



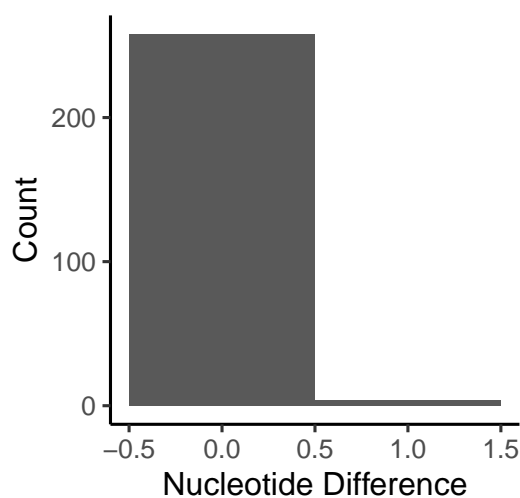
TRBV11-2*ap01

2996 sequences assigned
2982 (99.5%) exact matches, in which:
2975 unique CDR3
13 unique J



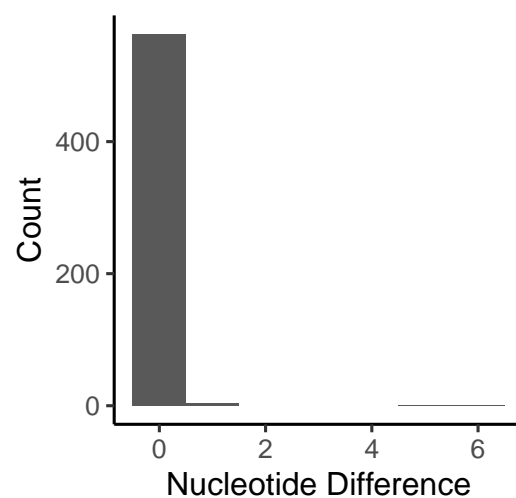
TRBV12-2*ap01

262 sequences assigned
258 (98.5%) exact matches, in which:
257 unique CDR3
13 unique J



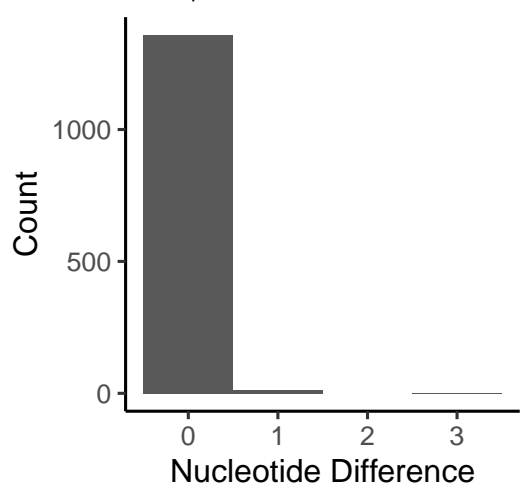
TRBV23-1*ap01

569 sequences assigned
563 (98.9%) exact matches, in which:
557 unique CDR3
13 unique J



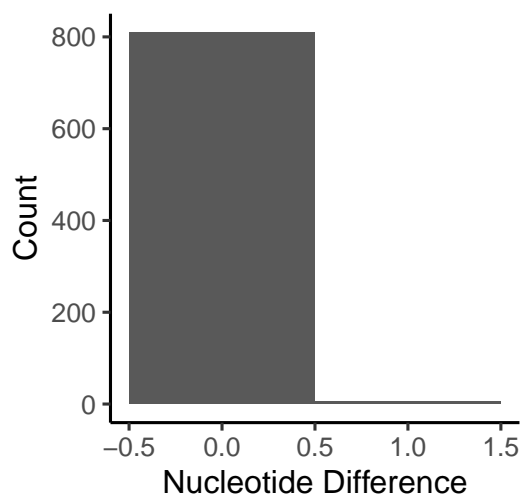
TRBV11-3*ap01

1372 sequences assigned
1358 (99%) exact matches, in which:
1357 unique CDR3
13 unique J



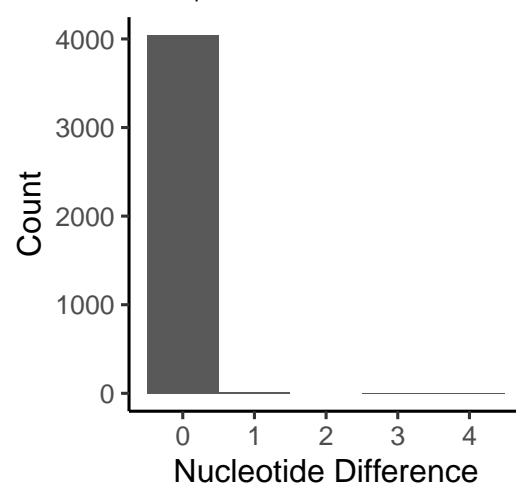
TRBV12-5*ap01

816 sequences assigned
810 (99.3%) exact matches, in which:
806 unique CDR3
13 unique J



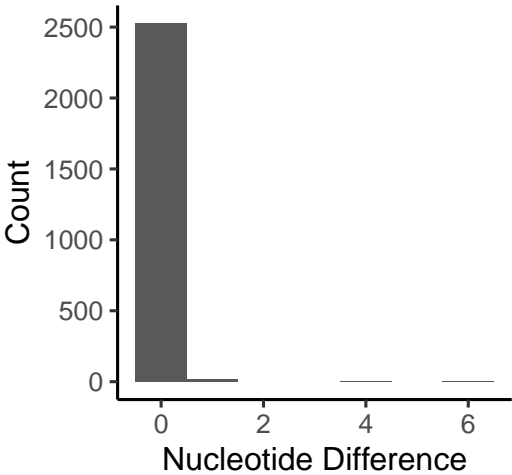
TRBV3-12*ap01

4065 sequences assigned
4044 (99.5%) exact matches, in which:
4031 unique CDR3
13 unique J



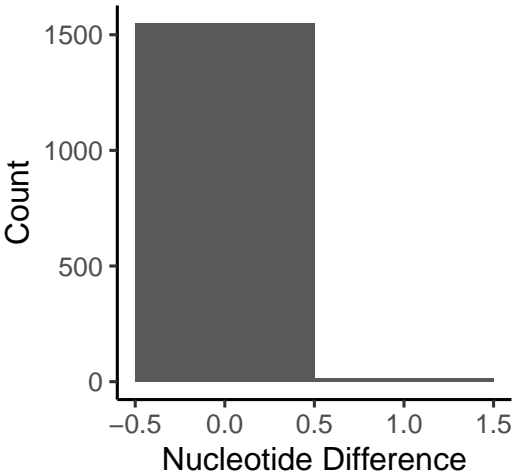
TRBV4-1*ap01

2547 sequences assigned
2526 (99.2%) exact matches, in which:
2499 unique CDR3
13 unique J



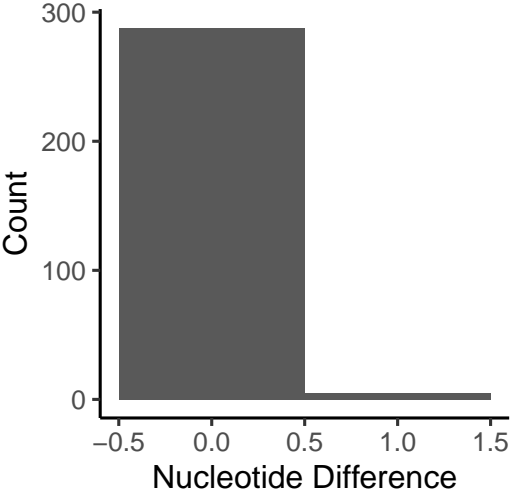
TRBV4-3*ap01

1563 sequences assigned
1549 (99.1%) exact matches, in which:
1528 unique CDR3
13 unique J



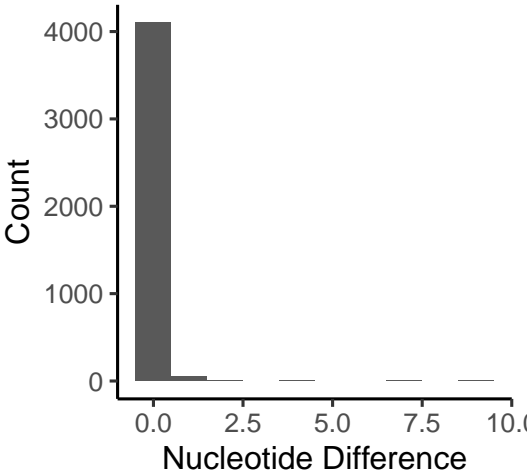
TRBV5-3*ap01

293 sequences assigned
288 (98.3%) exact matches, in which:
287 unique CDR3
13 unique J



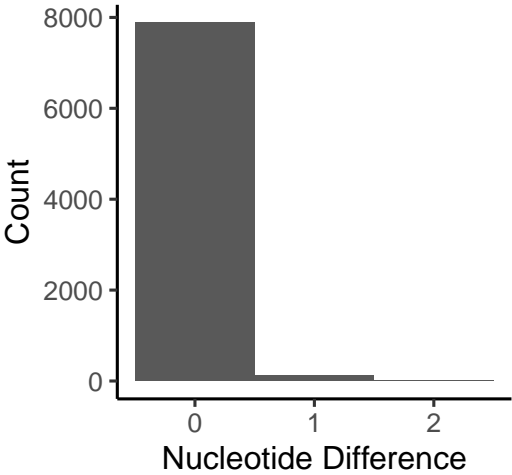
TRBV24-1*ap01

4162 sequences assigned
4101 (98.5%) exact matches, in which:
4057 unique CDR3
13 unique J



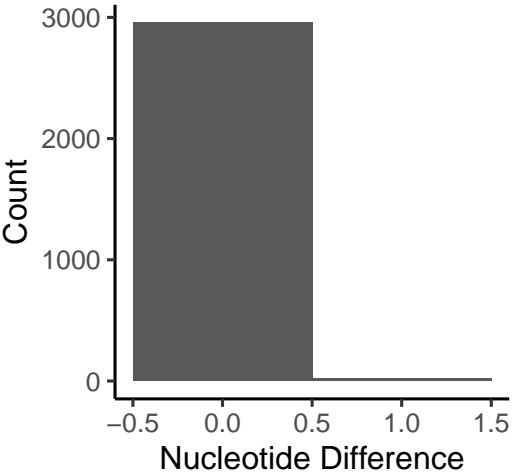
TRBV5-1*ap01

7995 sequences assigned
7883 (98.6%) exact matches, in which:
7800 unique CDR3
13 unique J



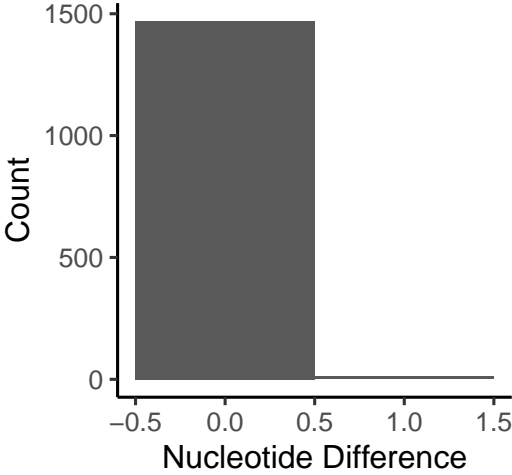
TRBV5-4*ap01

2980 sequences assigned
2956 (99.2%) exact matches, in which:
2933 unique CDR3
13 unique J



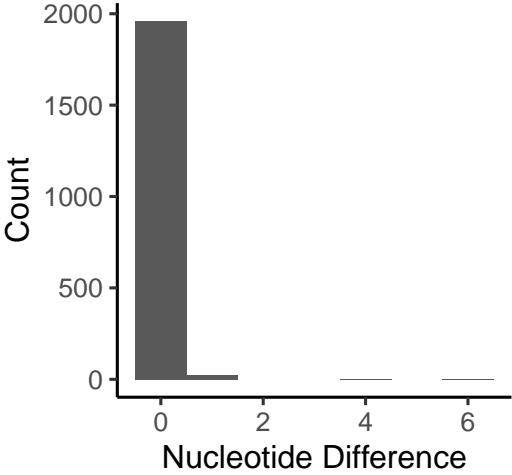
TRBV4-2*ap01

1482 sequences assigned
1470 (99.2%) exact matches, in which:
1460 unique CDR3
13 unique J



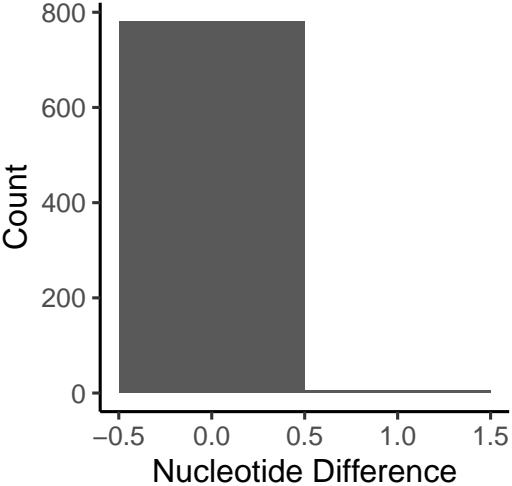
TRBV25-1*ap01

1986 sequences assigned
1960 (98.7%) exact matches, in which:
1930 unique CDR3
13 unique J



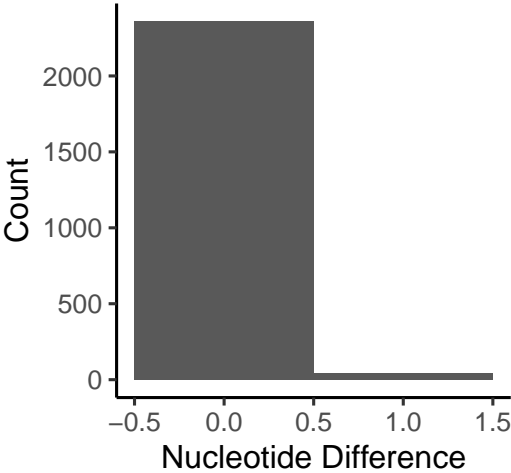
TRBV5-5*ap01

787 sequences assigned
781 (99.2%) exact matches, in which:
777 unique CDR3
13 unique J



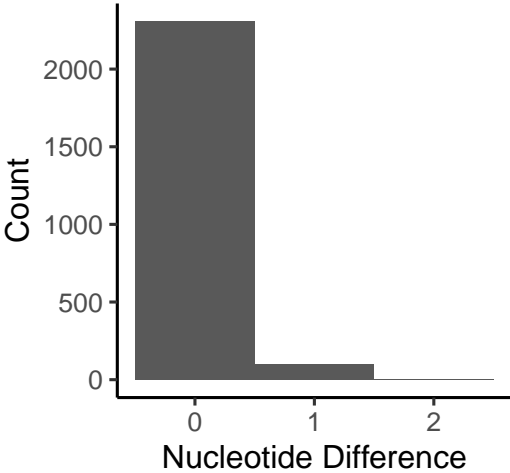
TRBV5-6*ap01

2399 sequences assigned
2359 (98.3%) exact matches, in which:
2331 unique CDR3
14 unique J



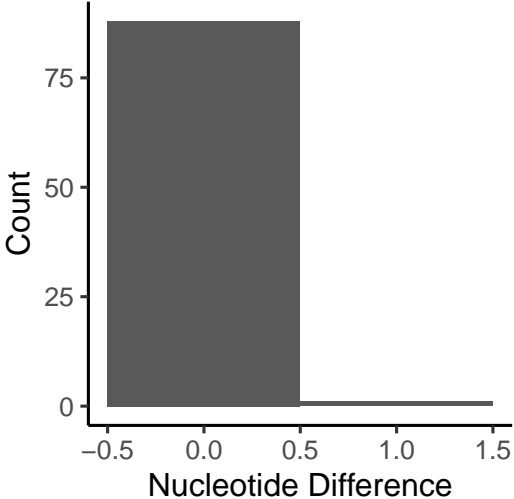
TRBV6-1*ap01

2405 sequences assigned
2307 (95.9%) exact matches, in which:
2277 unique CDR3
13 unique J



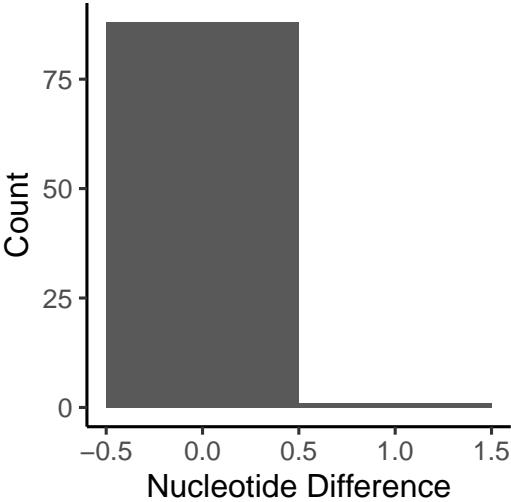
TRBV6-8*ap01

89 sequences assigned
88 (98.9%) exact matches, in which:
86 unique CDR3
12 unique J



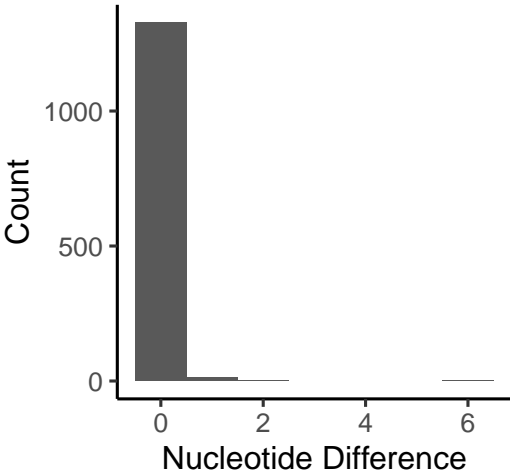
TRBV5-7*ap01

89 sequences assigned
88 (98.9%) exact matches, in which:
85 unique CDR3
13 unique J



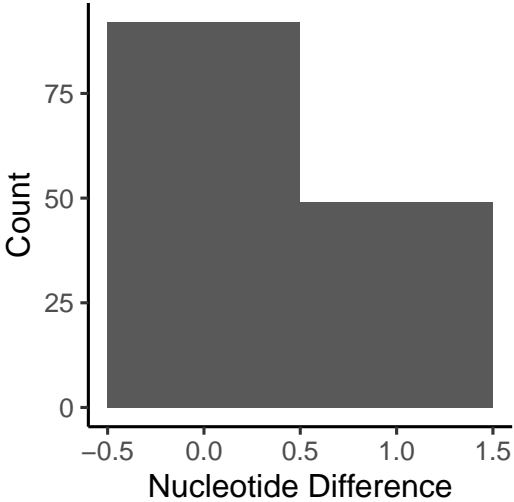
TRBV6-4*ap01

1345 sequences assigned
1327 (98.7%) exact matches, in which:
1317 unique CDR3
13 unique J



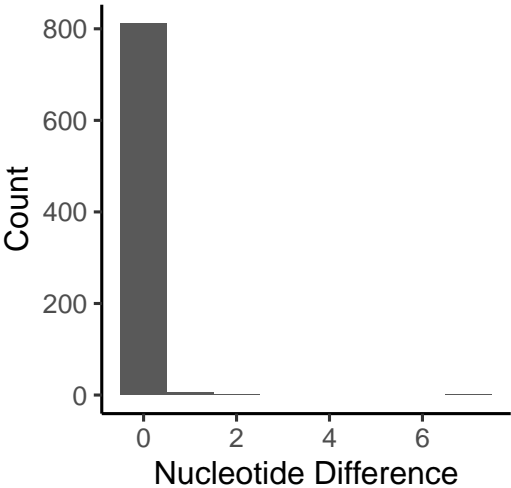
TRBV6-9*ap01

141 sequences assigned
92 (65.2%) exact matches, in which:
91 unique CDR3
12 unique J



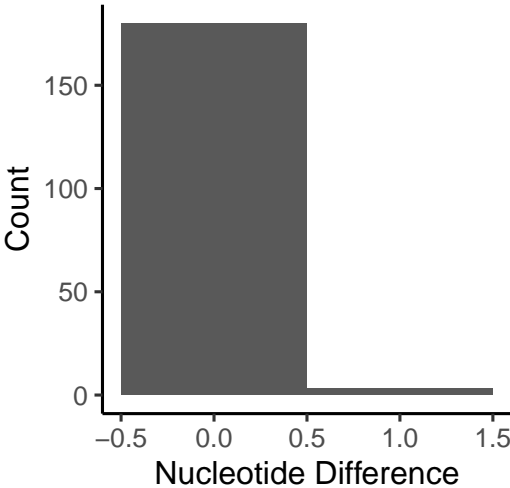
TRBV5-8*ap01

820 sequences assigned
812 (99%) exact matches, in which:
808 unique CDR3
13 unique J



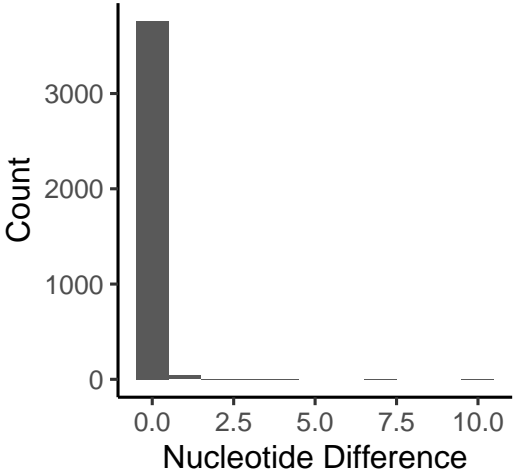
TRBV6-7*ap01

183 sequences assigned
180 (98.4%) exact matches, in which:
177 unique CDR3
13 unique J



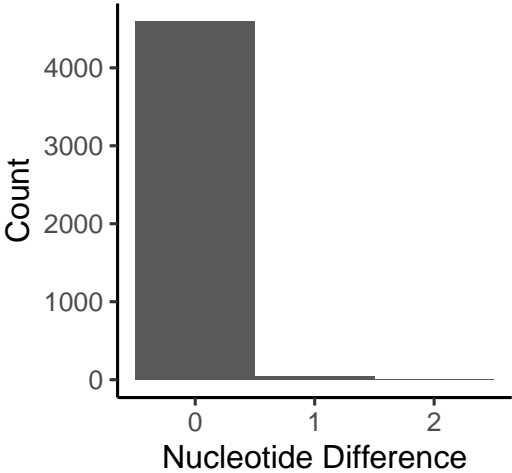
TRBV6-23*ap01

3809 sequences assigned
3761 (98.7%) exact matches, in which:
3700 unique CDR3
13 unique J



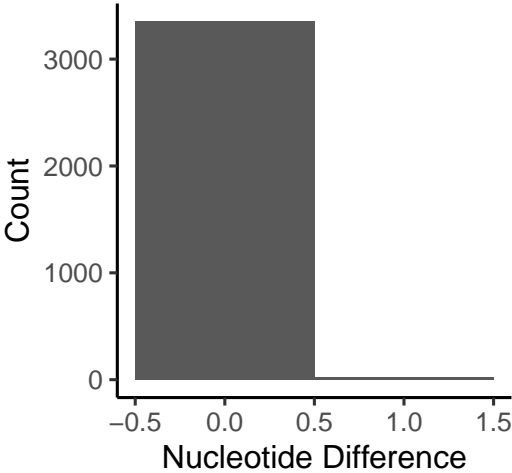
TRBV6-56*ap01

4641 sequences assigned
4595 (99%) exact matches, in which:
4528 unique CDR3
13 unique J



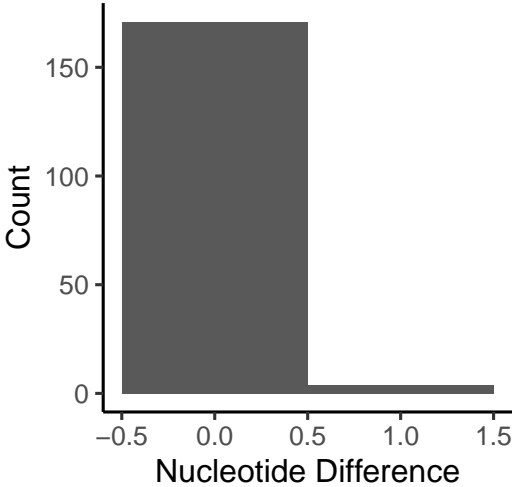
TRBV7-2*ap01

3374 sequences assigned
3353 (99.4%) exact matches, in which:
3336 unique CDR3
13 unique J



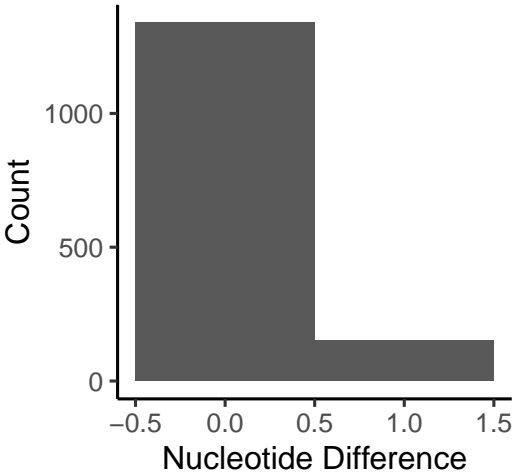
TRBV7-4*ap01

175 sequences assigned
171 (97.7%) exact matches, in which:
169 unique CDR3
12 unique J



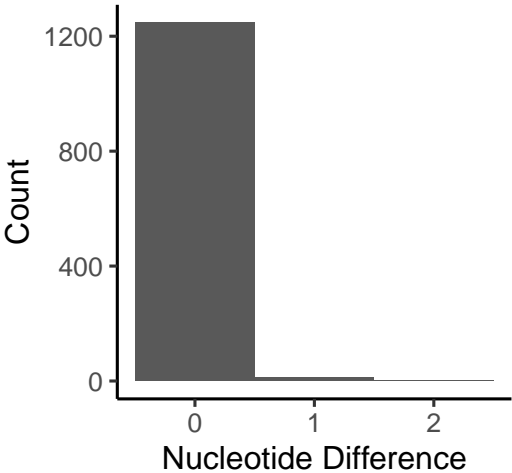
TRBV6-56*ap02

1492 sequences assigned
1339 (89.7%) exact matches, in which:
1315 unique CDR3
13 unique J



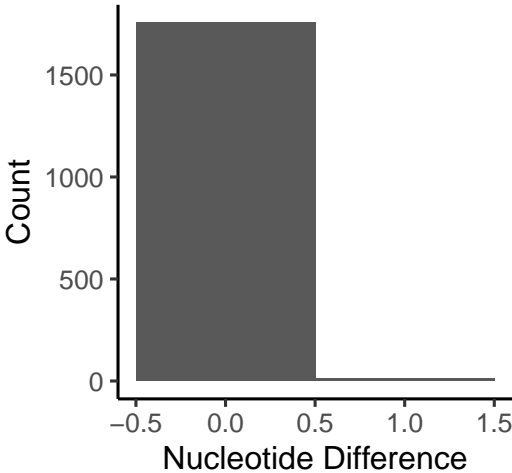
TRBV7-3*ap01

1260 sequences assigned
1247 (99%) exact matches, in which:
1240 unique CDR3
13 unique J



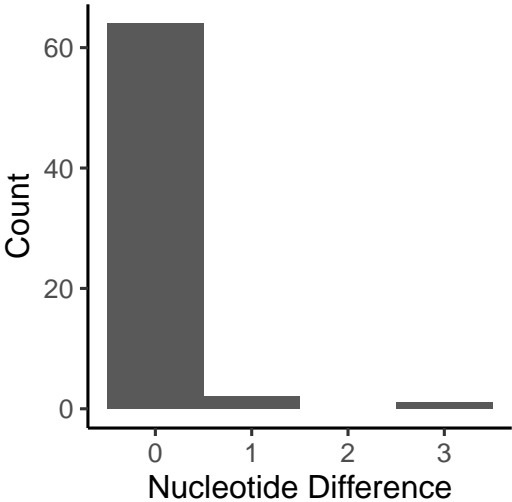
TRBV7-6*ap01

1766 sequences assigned
1756 (99.4%) exact matches, in which:
1743 unique CDR3
13 unique J



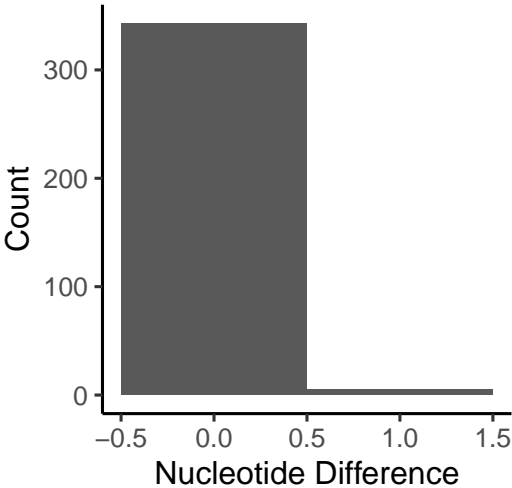
TRBV7-1*ap01_G291C_T

67 sequences assigned
64 (95.5%) exact matches, in which:
64 unique CDR3
12 unique J



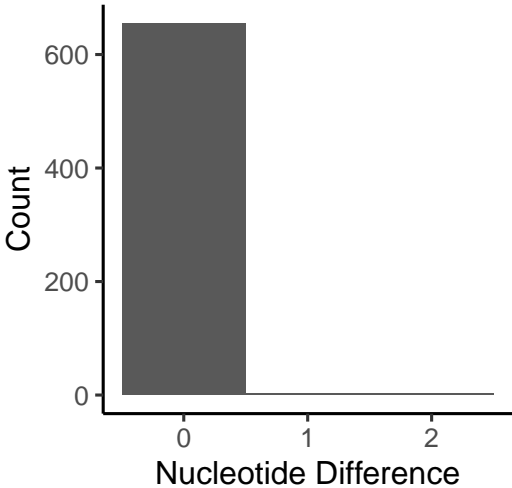
TRBV7-3*ap03

348 sequences assigned
343 (98.6%) exact matches, in which:
340 unique CDR3
12 unique J



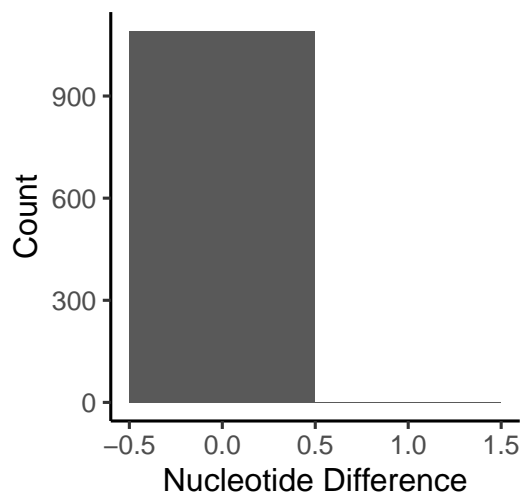
TRBV7-7*ap01_C315T

660 sequences assigned
655 (99.2%) exact matches, in which:
650 unique CDR3
13 unique J



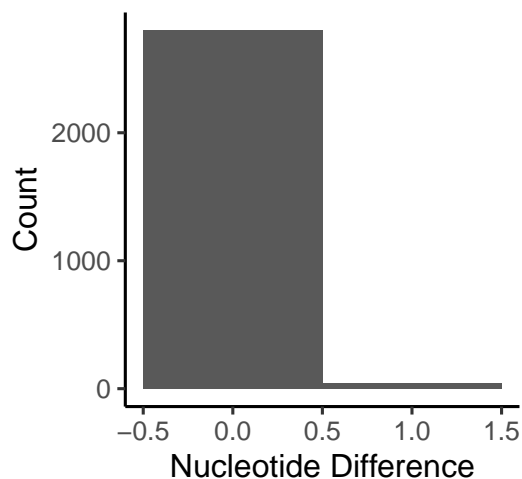
TRBV7-8*ap01

1094 sequences assigned
1092 (99.8%) exact matches, in which:
1088 unique CDR3
13 unique J



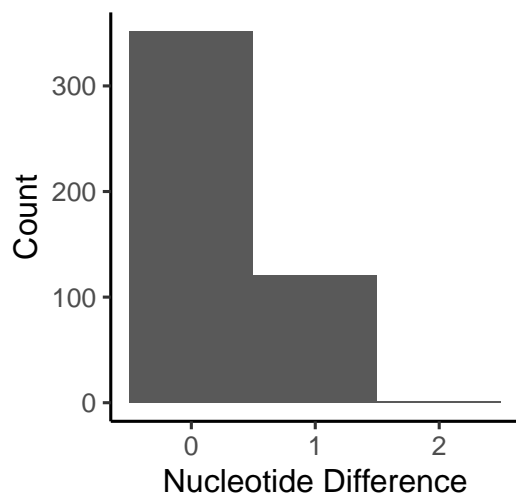
TRBV29-1*ap01

2845 sequences assigned
2800 (98.4%) exact matches, in which:
2747 unique CDR3
13 unique J



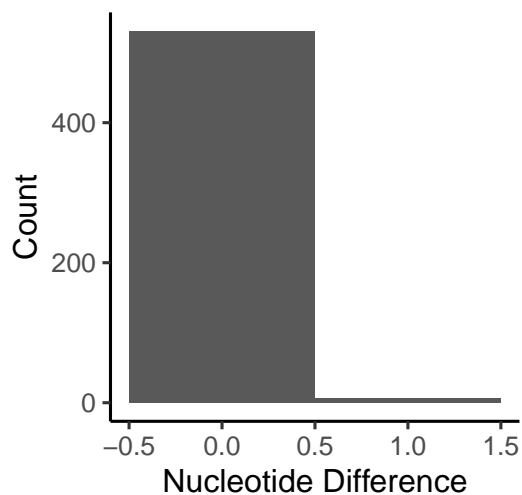
TRBV7-8*ap03

474 sequences assigned
352 (74.3%) exact matches, in which:
352 unique CDR3
13 unique J



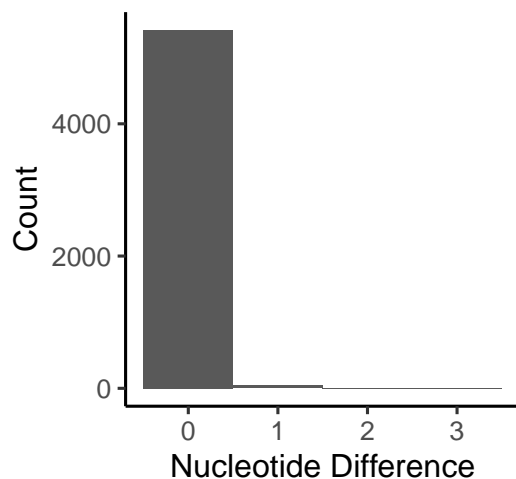
TRBV29-1*ap02

538 sequences assigned
531 (98.7%) exact matches, in which:
525 unique CDR3
13 unique J

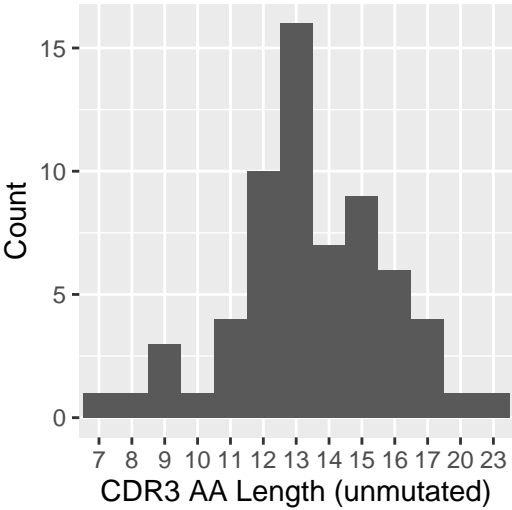


TRBV7-9*ap01

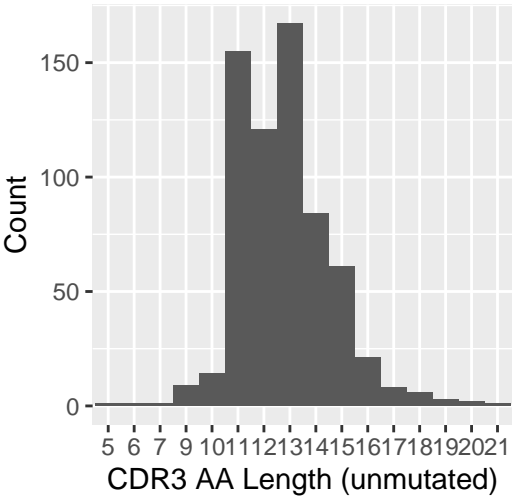
5465 sequences assigned
5418 (99.1%) exact matches, in which:
5382 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.

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