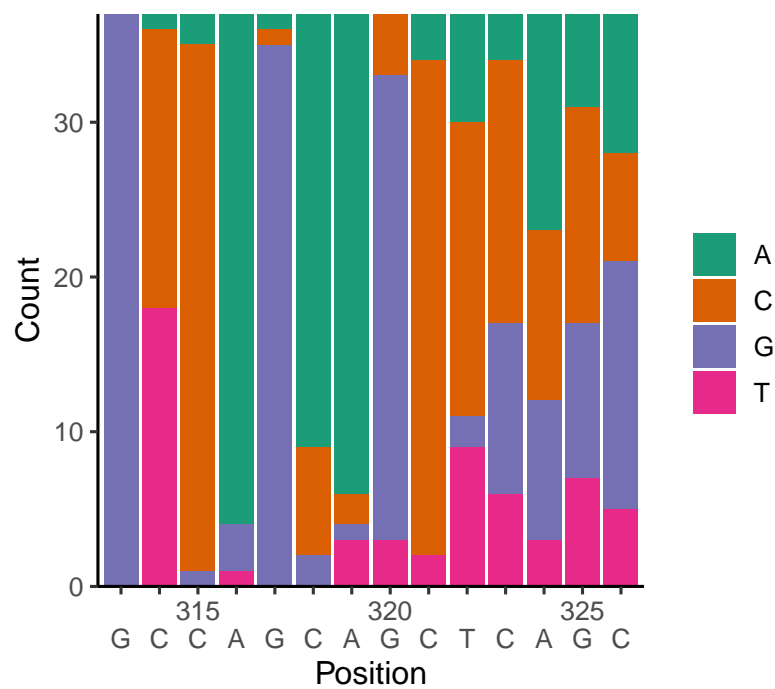
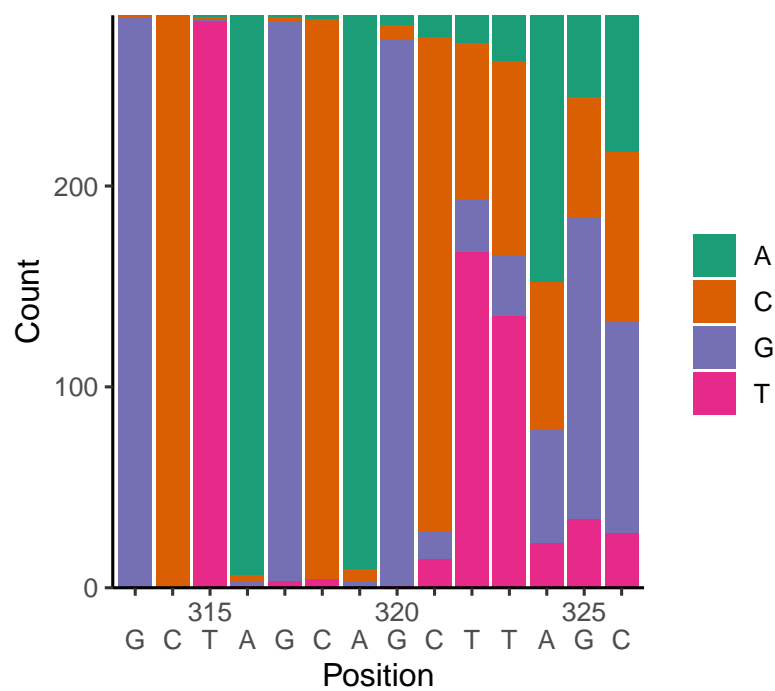


Gene TRBV7-1*ap01_T296C



Gene TRBV7-7*ap01_C315T



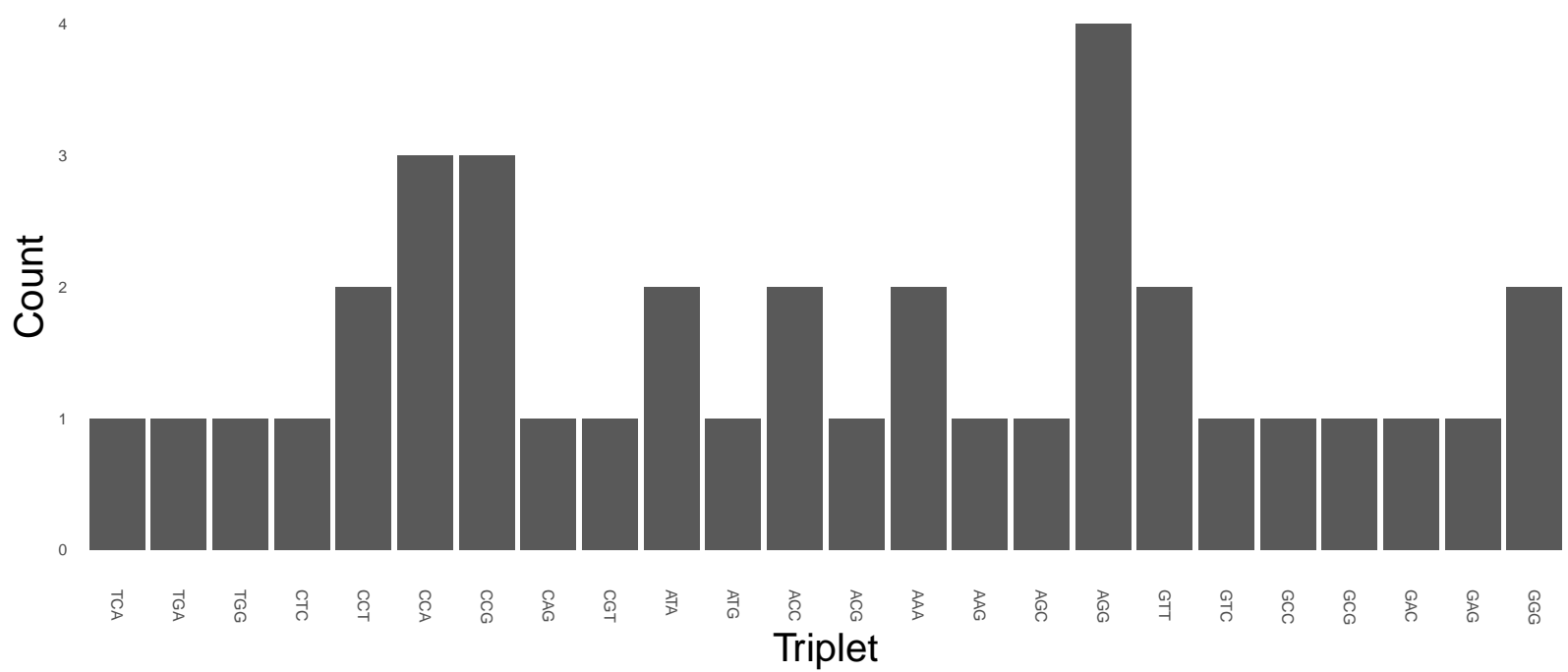
Gene TRBV7-1*ap01_T296C



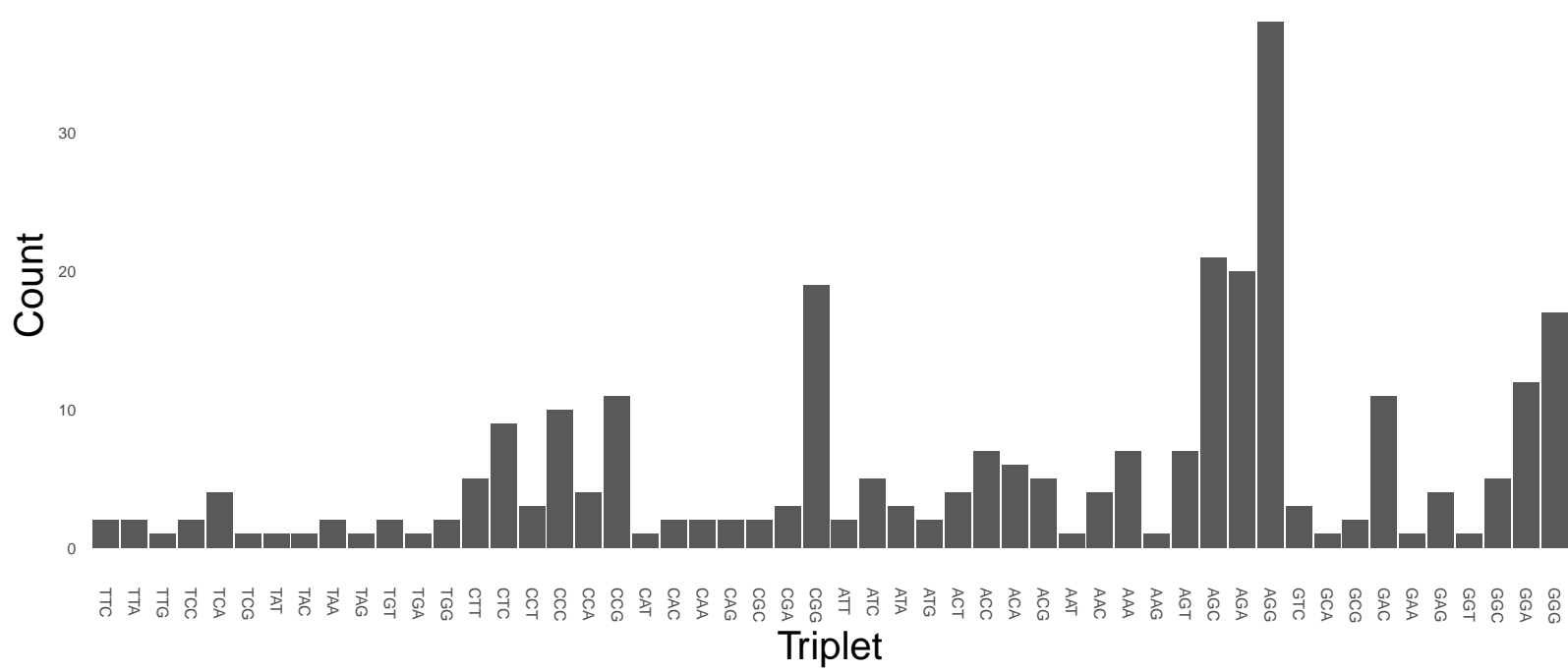
Gene TRBV7-7*ap01_C315T



TRBV7-1*ap01_T296C- Final 3 nucleotides as a triplet

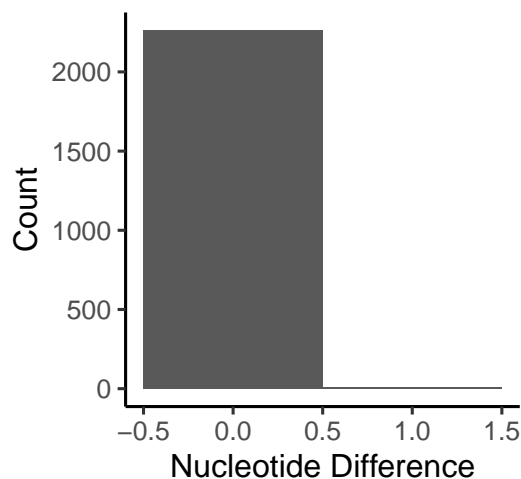


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



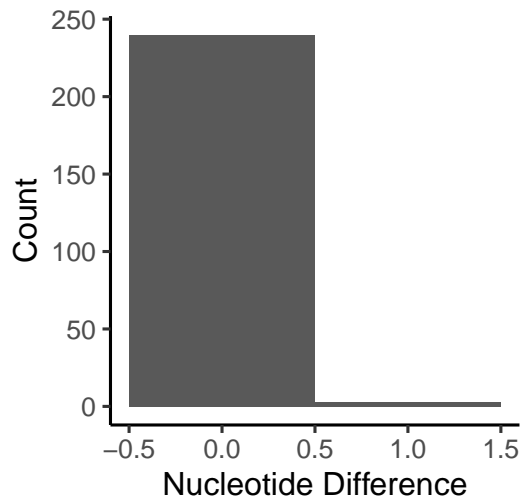
TRBV20-1*ap01

2270 sequences assigned
2262 (99.6%) exact matches, in which:
2244 unique CDR3
13 unique J



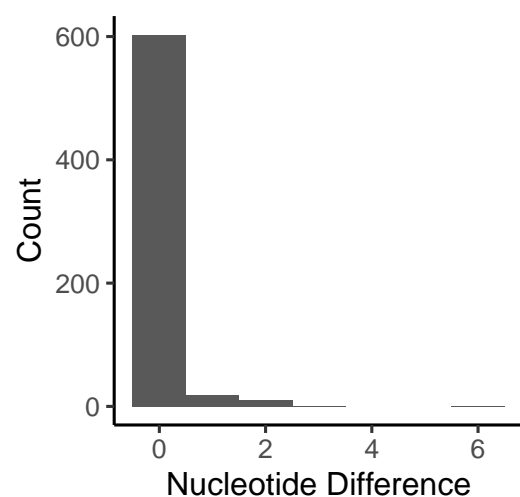
TRBV10-2*ap01

243 sequences assigned
240 (98.8%) exact matches, in which:
237 unique CDR3
13 unique J



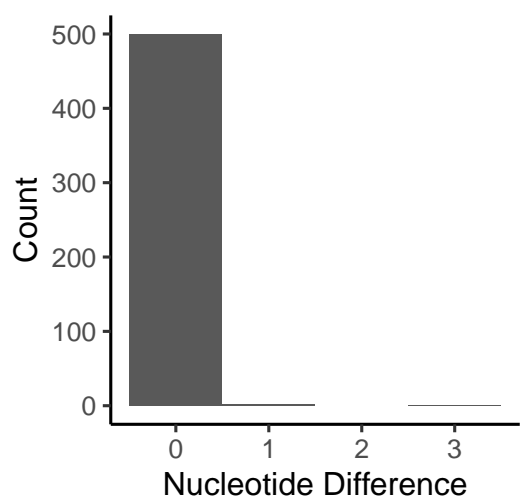
TRBV13*ap01

633 sequences assigned
603 (95.3%) exact matches, in which:
598 unique CDR3
13 unique J



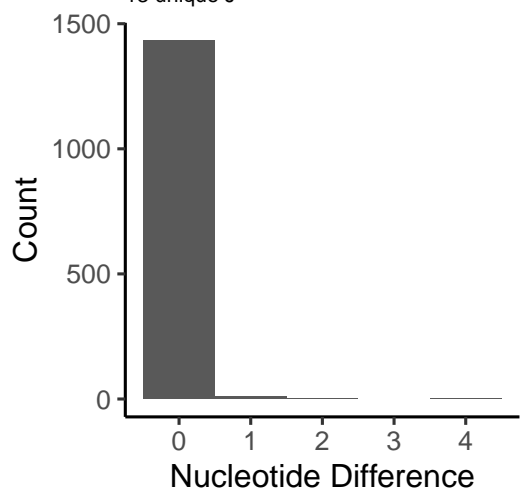
TRBV10-1*ap01

503 sequences assigned
500 (99.4%) exact matches, in which:
496 unique CDR3
13 unique J



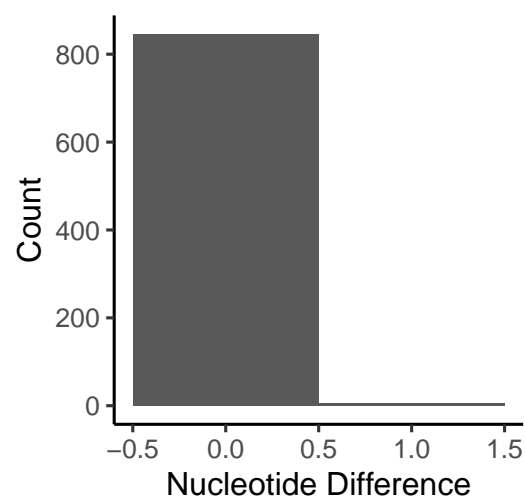
TRBV10-3*ap01

1444 sequences assigned
1432 (99.2%) exact matches, in which:
1413 unique CDR3
13 unique J



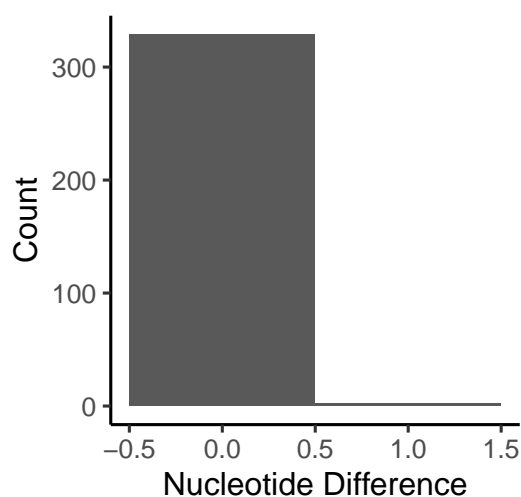
TRBV14*ap01

851 sequences assigned
846 (99.4%) exact matches, in which:
836 unique CDR3
13 unique J



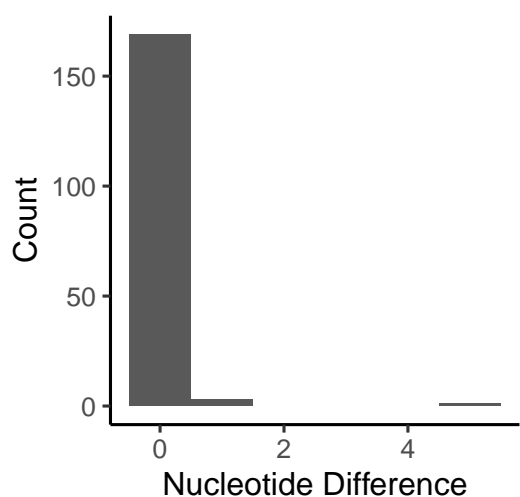
TRBV20-1*ap02

331 sequences assigned
329 (99.4%) exact matches, in which:
327 unique CDR3
13 unique J



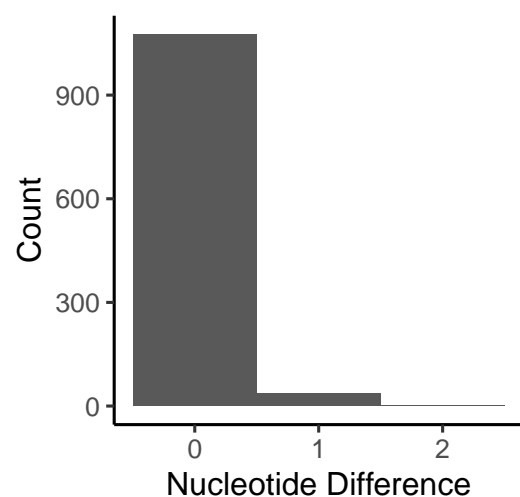
TRBV1*ap01

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



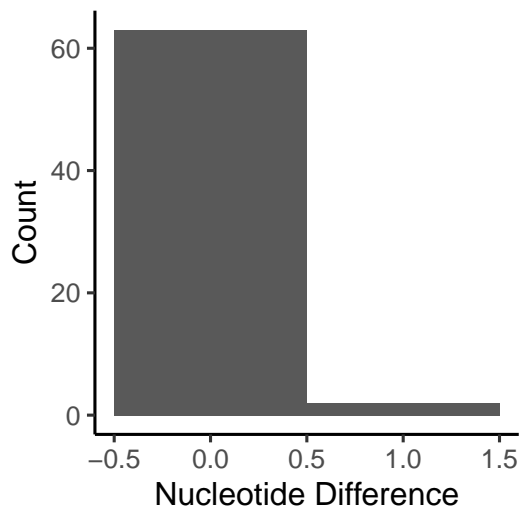
TRBV15*ap02

1112 sequences assigned
1076 (96.8%) exact matches, in which:
1066 unique CDR3
13 unique J



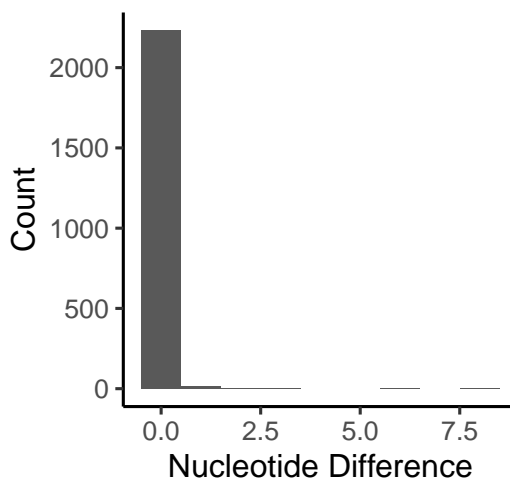
TRBV16*ap01

65 sequences assigned
63 (96.9%) exact matches, in which:
63 unique CDR3
11 unique J



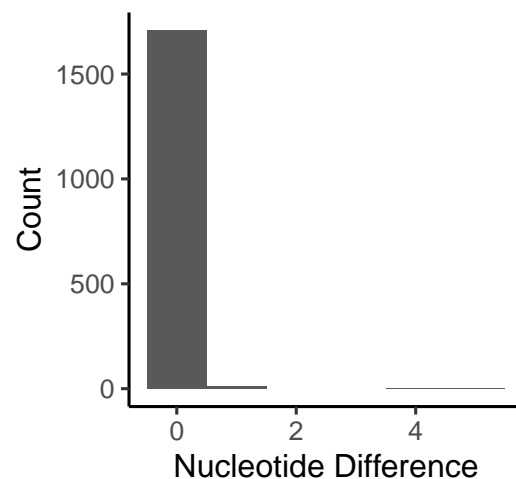
TRBV19*ap01

2252 sequences assigned
2232 (99.1%) exact matches, in which:
2221 unique CDR3
13 unique J



TRBV27*ap01

1722 sequences assigned
1708 (99.2%) exact matches, in which:
1700 unique CDR3
13 unique J



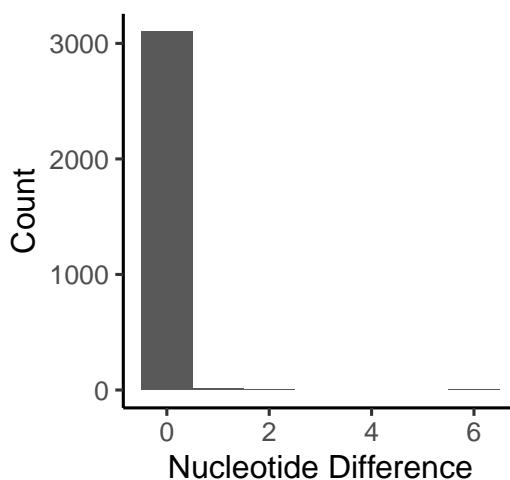
TRBV17*ap01

2 sequences assigned
2 (100%) exact matches, in which:
2 unique CDR3
2 unique J



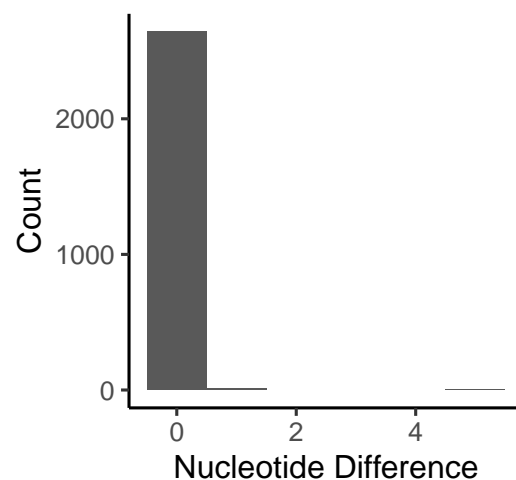
TRBV2*ap01

3119 sequences assigned
3101 (99.4%) exact matches, in which:
3082 unique CDR3
13 unique J



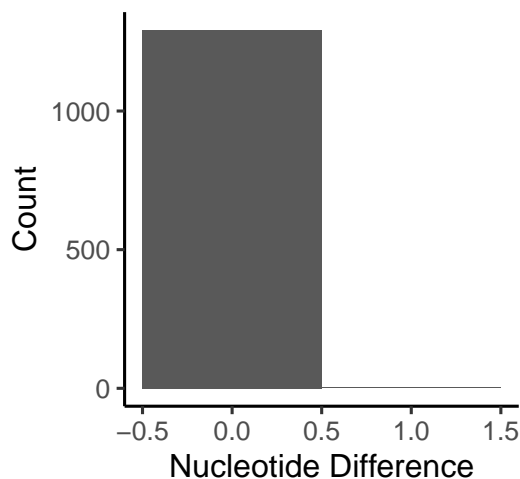
TRBV28*ap01

2654 sequences assigned
2642 (99.5%) exact matches, in which:
2630 unique CDR3
13 unique J



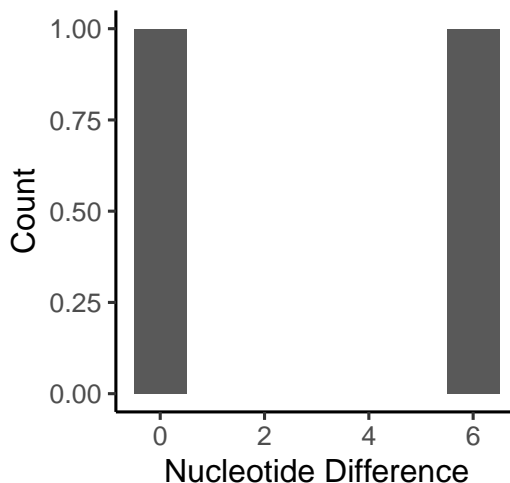
TRBV18*ap01

1295 sequences assigned
1292 (99.8%) exact matches, in which:
1289 unique CDR3
13 unique J



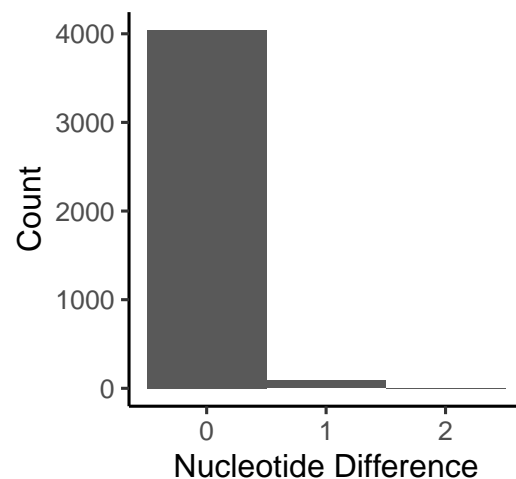
TRBV26*ap01

2 sequences assigned
1 (50%) exact matches, in which:
1 unique CDR3
1 unique J



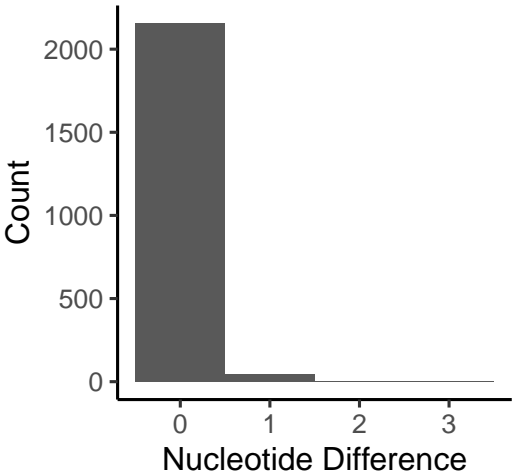
TRBV30*ap01

4134 sequences assigned
4042 (97.8%) exact matches, in which:
3985 unique CDR3
13 unique J



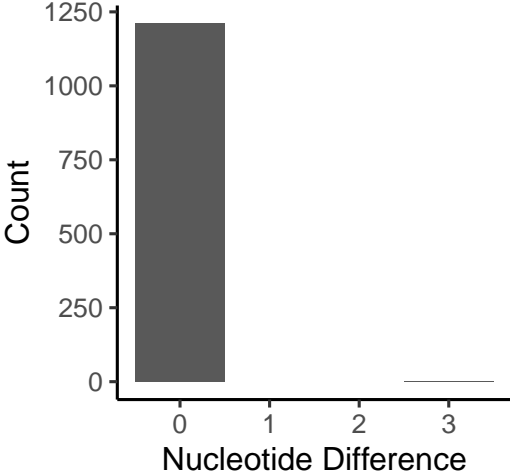
TRBV9*ap01

2205 sequences assigned
2155 (97.7%) exact matches, in which:
2140 unique CDR3
13 unique J



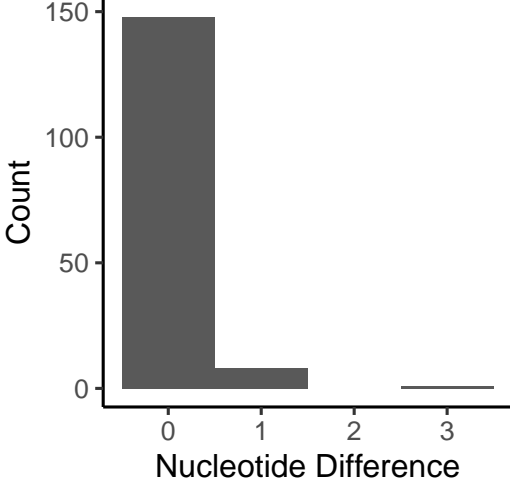
TRBV11-2*ap01

1212 sequences assigned
1211 (99.9%) exact matches, in which:
1204 unique CDR3
13 unique J



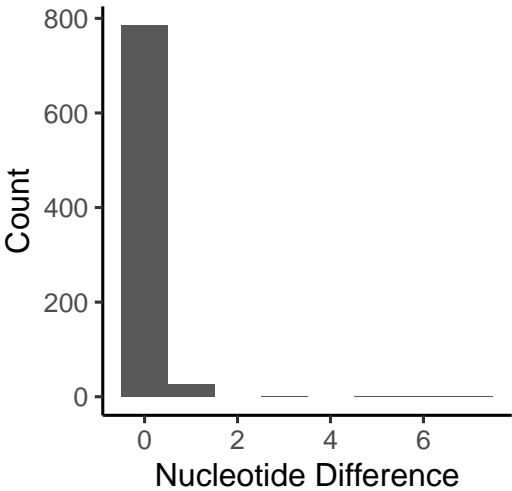
TRBV12-2*ap01

157 sequences assigned
148 (94.3%) exact matches, in which:
147 unique CDR3
13 unique J



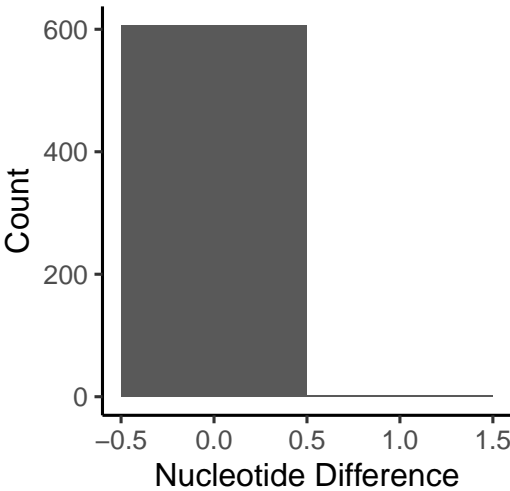
TRBV21-1*ap01

818 sequences assigned
786 (96.1%) exact matches, in which:
785 unique CDR3
13 unique J



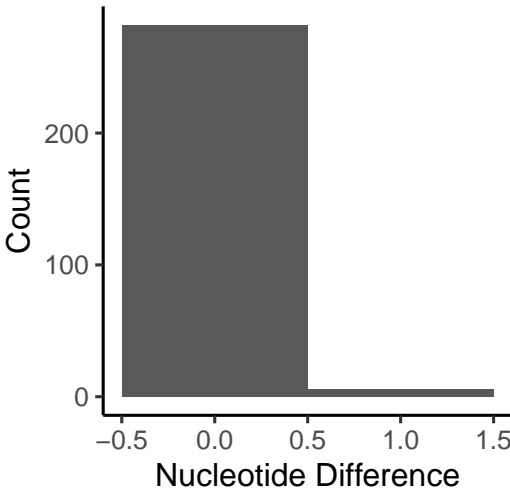
TRBV11-3*ap01

609 sequences assigned
607 (99.7%) exact matches, in which:
605 unique CDR3
13 unique J



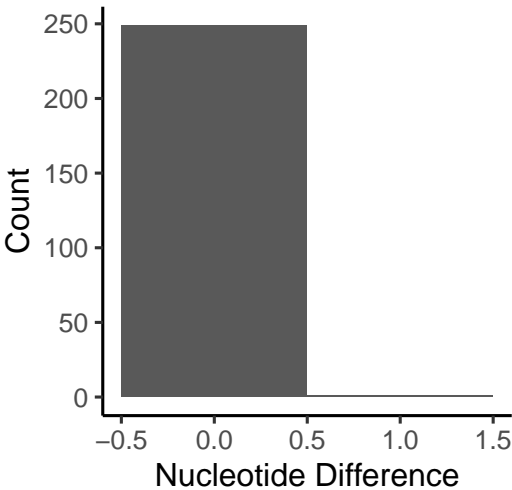
TRBV12-5*ap01

288 sequences assigned
282 (97.9%) exact matches, in which:
280 unique CDR3
13 unique J



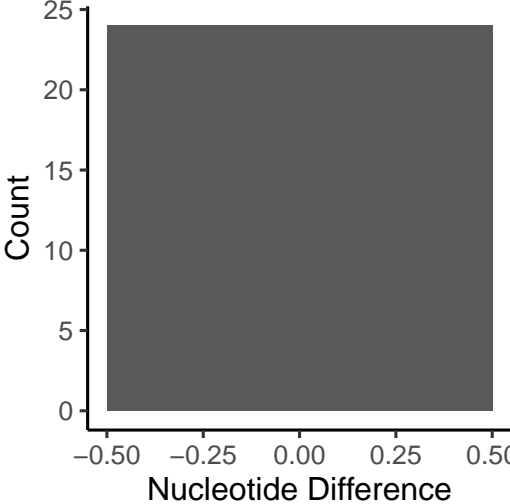
TRBV11-1*ap01

250 sequences assigned
249 (99.6%) exact matches, in which:
248 unique CDR3
13 unique J



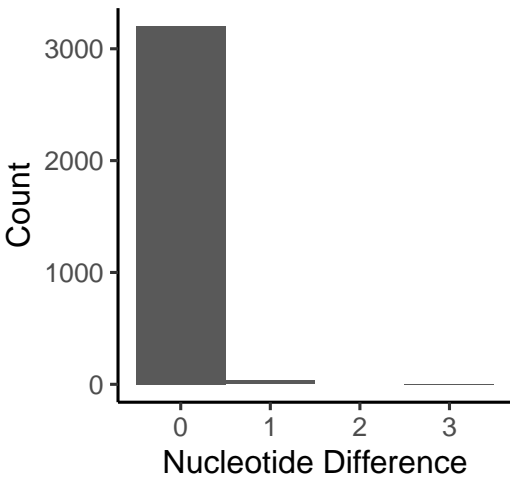
TRBV12-1*ap01

24 sequences assigned
24 (100%) exact matches, in which:
24 unique CDR3
9 unique J



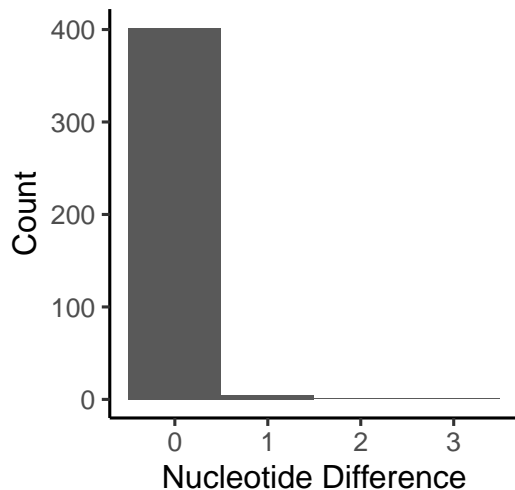
TRBV12-34*ap01

3239 sequences assigned
3203 (98.9%) exact matches, in which:
3183 unique CDR3
13 unique J



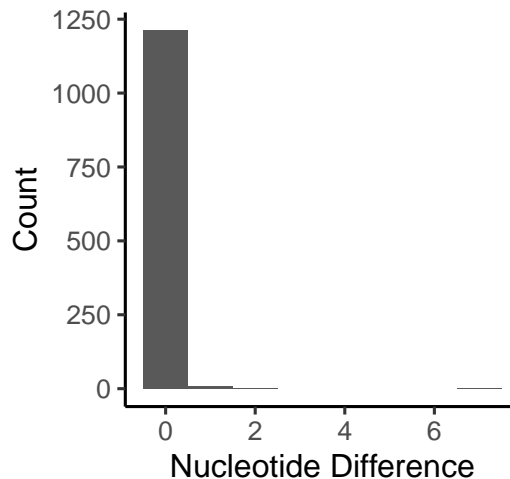
TRBV23-1*ap01

409 sequences assigned
402 (98.3%) exact matches, in which:
402 unique CDR3
13 unique J



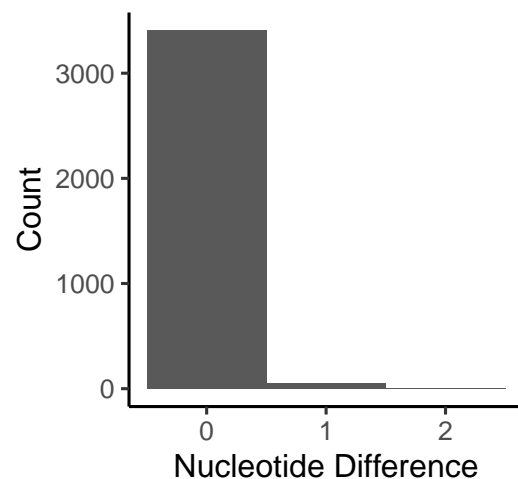
TRBV24-1*ap01

1224 sequences assigned
1212 (99%) exact matches, in which:
1202 unique CDR3
13 unique J



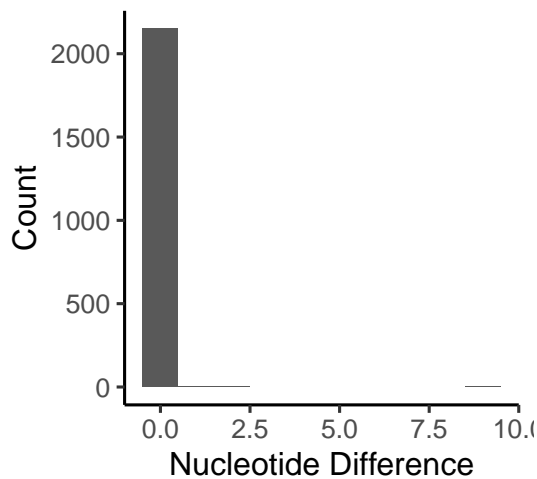
TRBV5-1*ap01

3456 sequences assigned
3407 (98.6%) exact matches, in which:
3389 unique CDR3
13 unique J



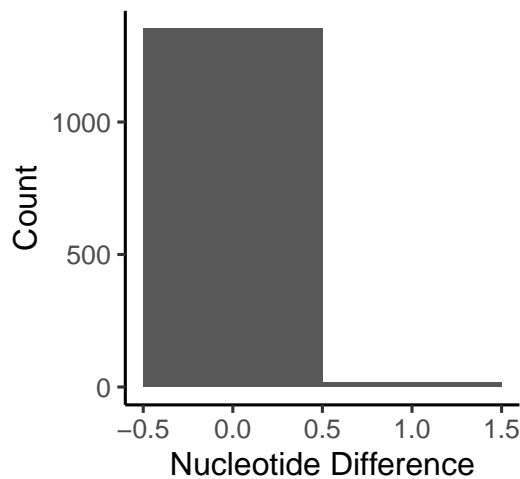
TRBV3-12*ap01

2156 sequences assigned
2150 (99.7%) exact matches, in which:
2144 unique CDR3
13 unique J



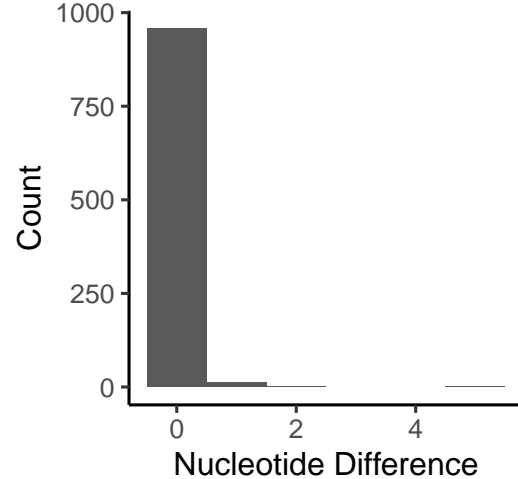
TRBV4-2*ap01

1369 sequences assigned
1352 (98.8%) exact matches, in which:
1332 unique CDR3
13 unique J



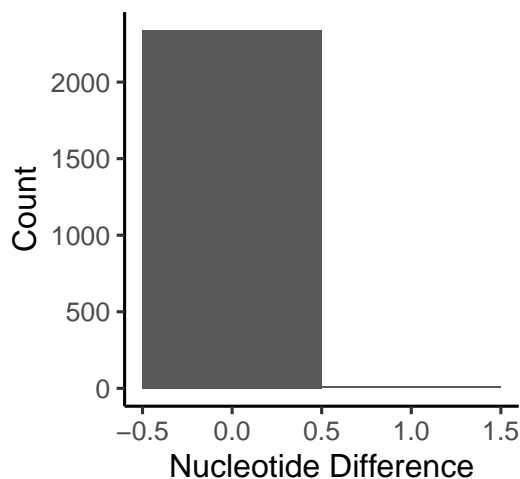
TRBV25-1*ap01

972 sequences assigned
957 (98.5%) exact matches, in which:
950 unique CDR3
13 unique J



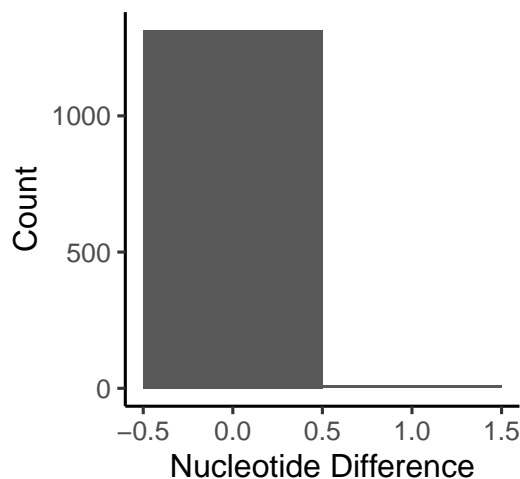
TRBV4-1*ap01

2353 sequences assigned
2340 (99.4%) exact matches, in which:
2311 unique CDR3
13 unique J



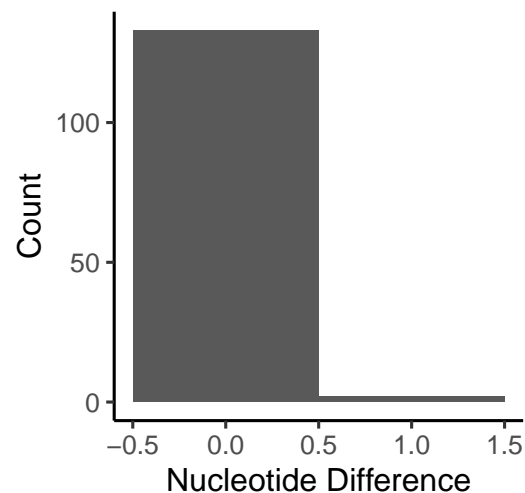
TRBV4-3*ap01

1326 sequences assigned
1315 (99.2%) exact matches, in which:
1297 unique CDR3
13 unique J



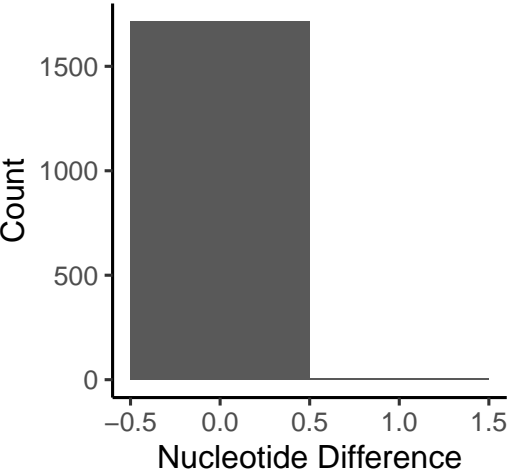
TRBV5-3*ap01

135 sequences assigned
133 (98.5%) exact matches, in which:
132 unique CDR3
12 unique J



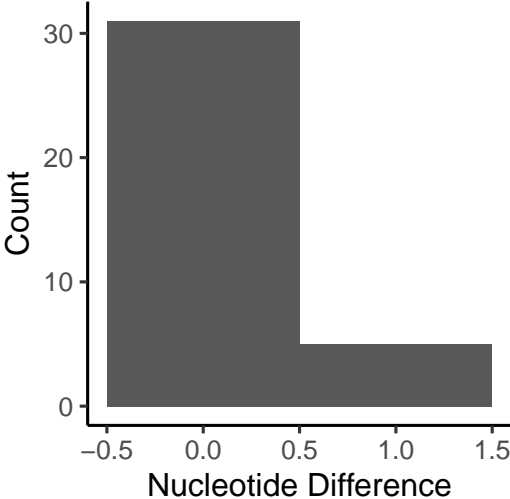
TRBV5-4*ap01

1721 sequences assigned
1715 (99.7%) exact matches, in which:
1703 unique CDR3
13 unique J



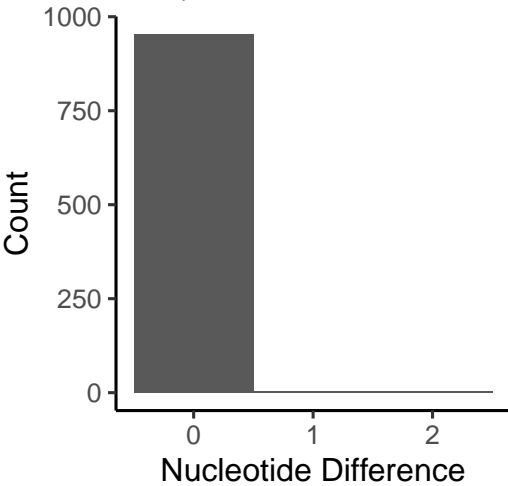
TRBV5-7*ap01

36 sequences assigned
31 (86.1%) exact matches, in which:
30 unique CDR3
11 unique J



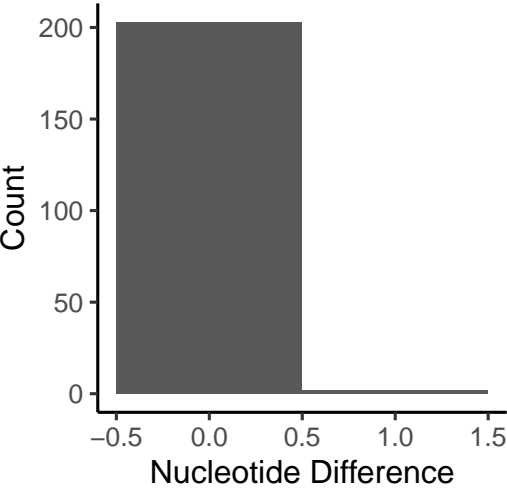
TRBV6-4*ap01

960 sequences assigned
953 (99.3%) exact matches, in which:
950 unique CDR3
13 unique J



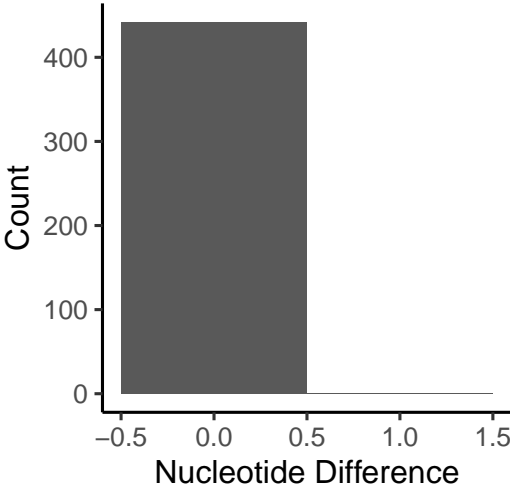
TRBV5-5*ap01

205 sequences assigned
203 (99%) exact matches, in which:
203 unique CDR3
12 unique J



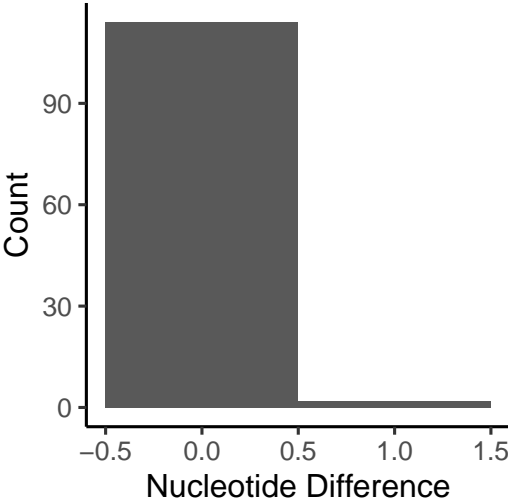
TRBV5-8*ap01

443 sequences assigned
442 (99.8%) exact matches, in which:
442 unique CDR3
13 unique J



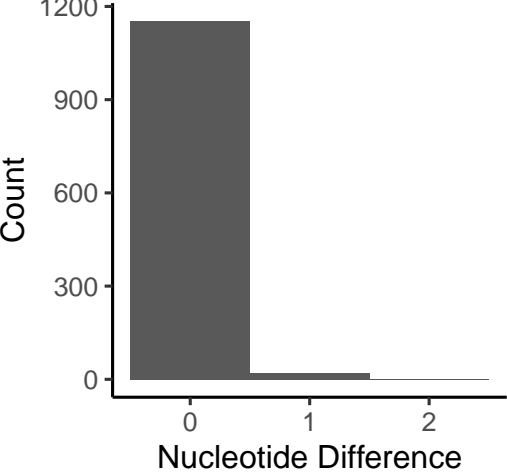
TRBV6-7*ap01

116 sequences assigned
114 (98.3%) exact matches, in which:
112 unique CDR3
12 unique J



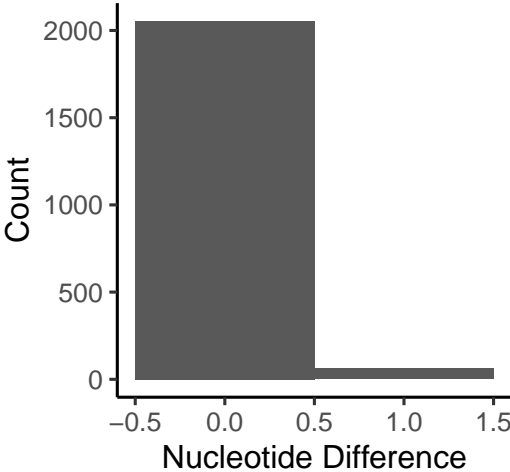
TRBV5-6*ap01

1174 sequences assigned
1153 (98.2%) exact matches, in which:
1147 unique CDR3
13 unique J



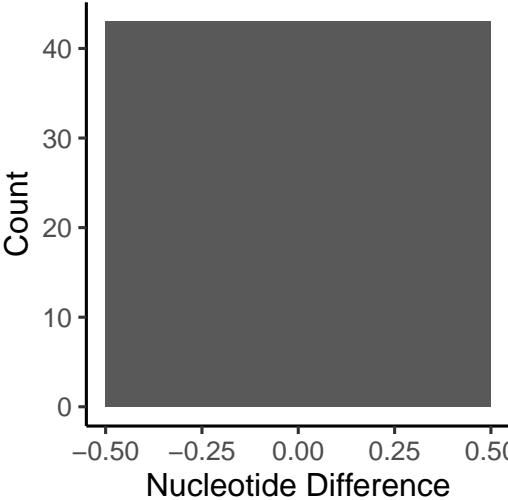
TRBV6-1*ap01

2116 sequences assigned
2054 (97.1%) exact matches, in which:
2027 unique CDR3
13 unique J



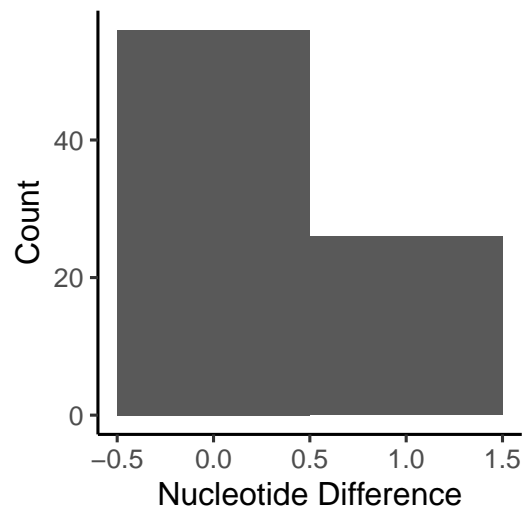
TRBV6-8*ap01

43 sequences assigned
43 (100%) exact matches, in which:
43 unique CDR3
12 unique J



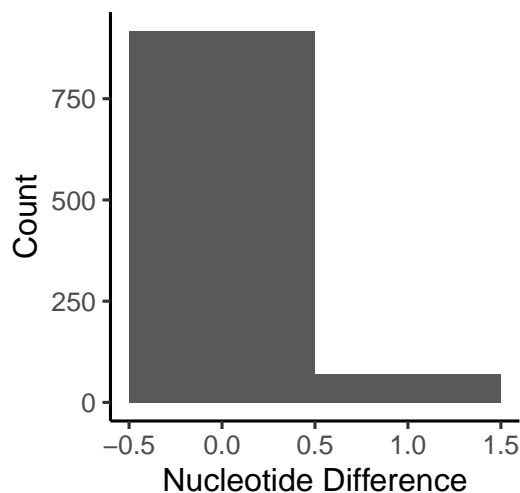
TRBV6–9*ap01

82 sequences assigned
56 (68.3%) exact matches, in which:
56 unique CDR3
12 unique J



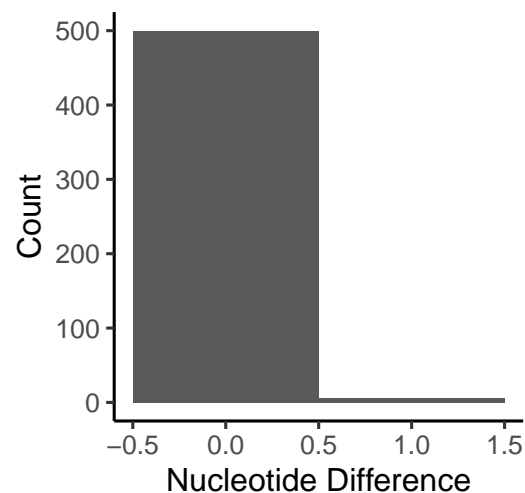
TRBV6–56*ap02

989 sequences assigned
918 (92.8%) exact matches, in which:
907 unique CDR3
13 unique J



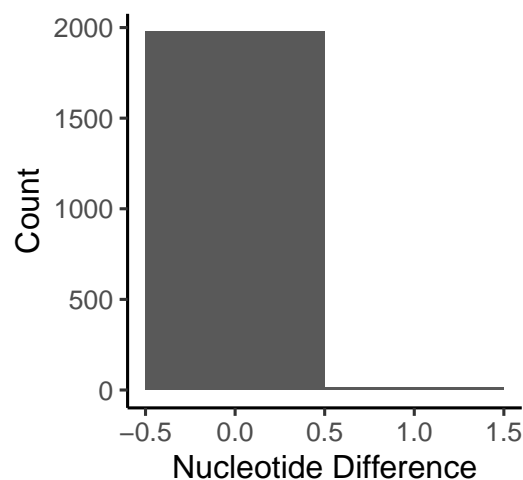
TRBV7–3*ap01

506 sequences assigned
500 (98.8%) exact matches, in which:
496 unique CDR3
13 unique J



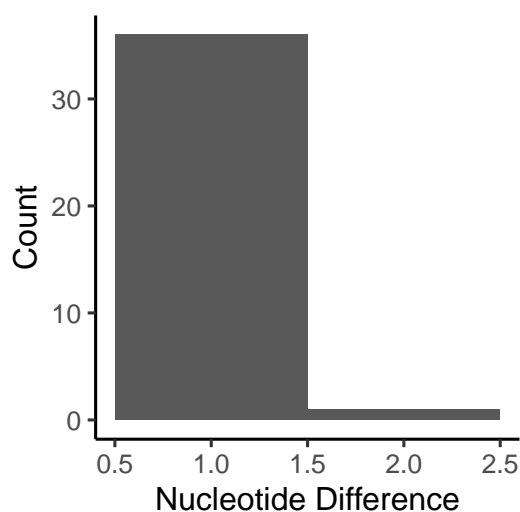
TRBV6–23*ap01

1989 sequences assigned
1977 (99.4%) exact matches, in which:
1953 unique CDR3
13 unique J



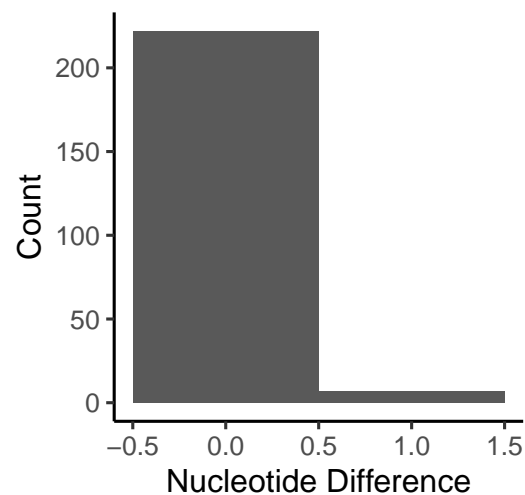
TRBV7–1*ap01_T296C

37 sequences assigned
No exact matches.



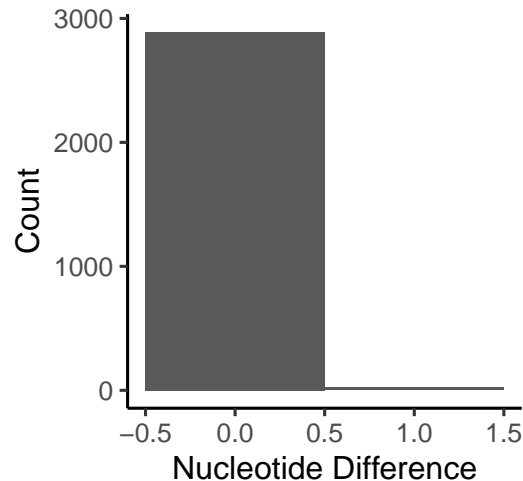
TRBV7–3*ap03

229 sequences assigned
222 (96.9%) exact matches, in which:
219 unique CDR3
13 unique J



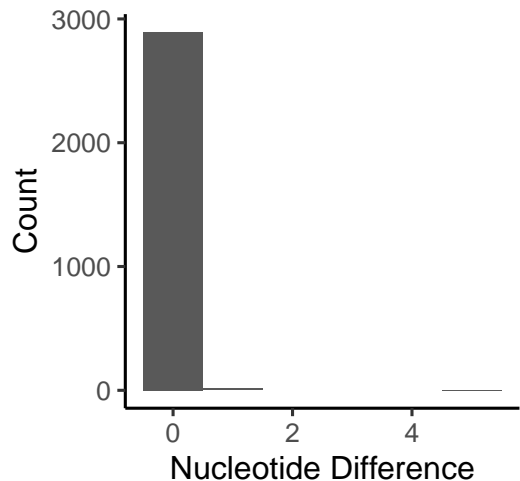
TRBV6–56*ap01

2913 sequences assigned
2890 (99.2%) exact matches, in which:
2851 unique CDR3
13 unique J



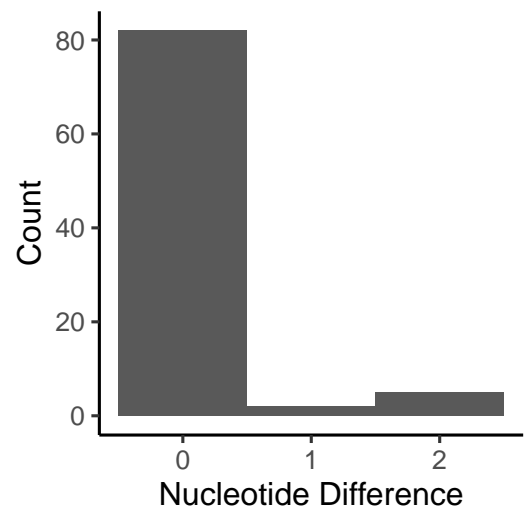
TRBV7–2*ap01

2910 sequences assigned
2894 (99.5%) exact matches, in which:
2868 unique CDR3
13 unique J



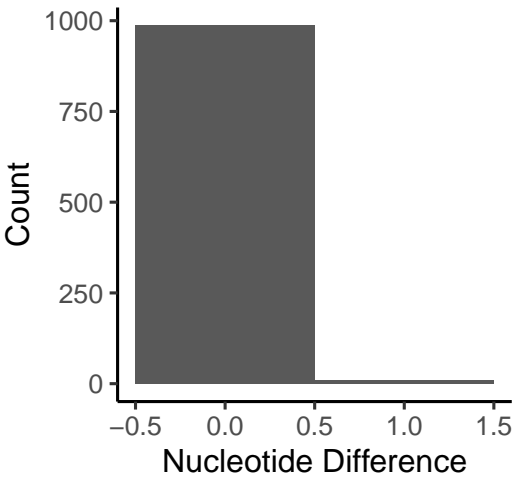
TRBV7–4*ap01

89 sequences assigned
82 (92.1%) exact matches, in which:
80 unique CDR3
12 unique J



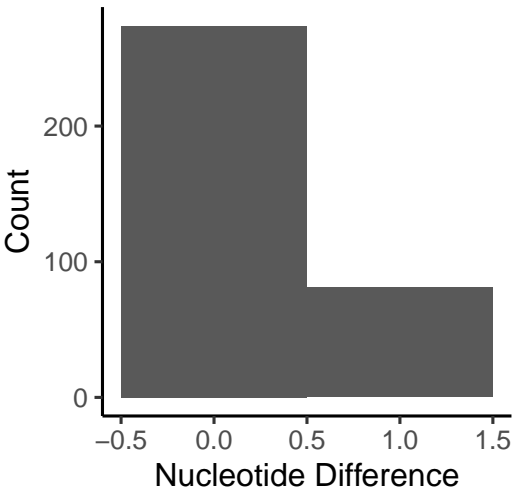
TRBV7-6*ap01

998 sequences assigned
987 (98.9%) exact matches, in which:
977 unique CDR3
13 unique J



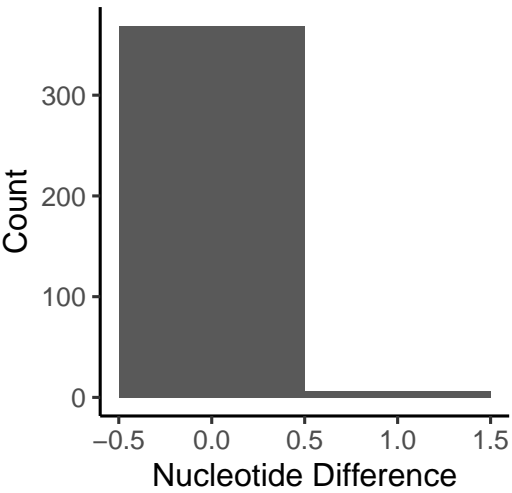
TRBV7-8*ap03

355 sequences assigned
274 (77.2%) exact matches, in which:
273 unique CDR3
13 unique J



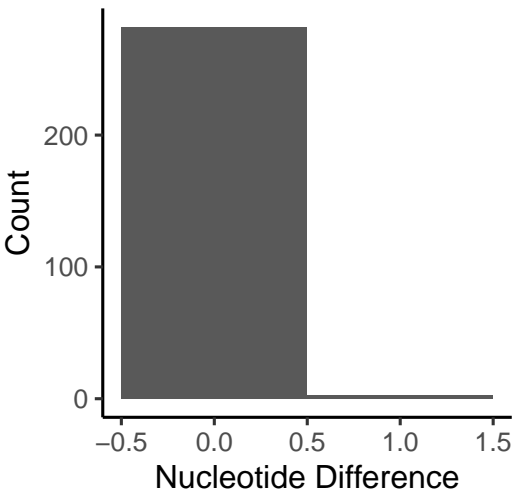
TRBV29-1*ap02

375 sequences assigned
369 (98.4%) exact matches, in which:
363 unique CDR3
13 unique J



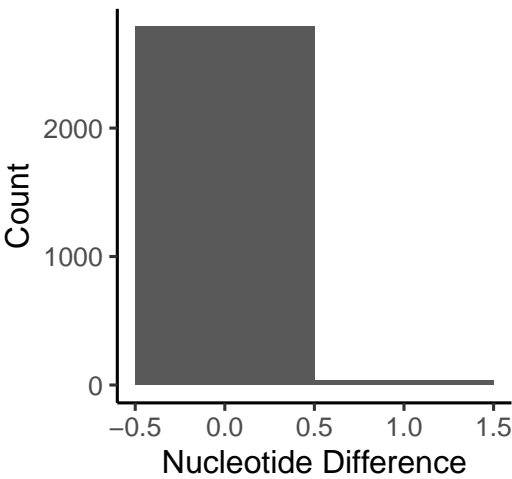
TRBV7-7*ap01_C315T

285 sequences assigned
282 (98.9%) exact matches, in which:
280 unique CDR3
13 unique J



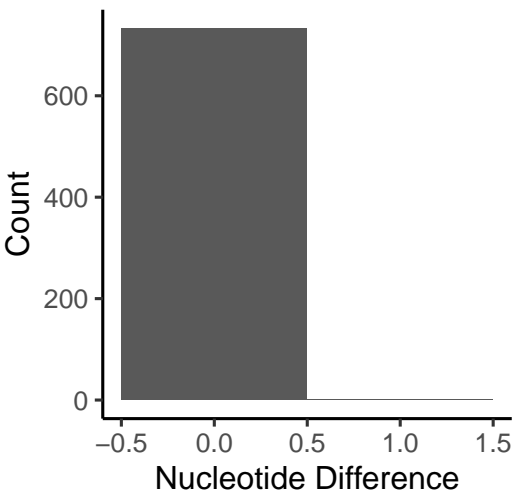
TRBV7-9*ap01

2823 sequences assigned
2789 (98.8%) exact matches, in which:
2762 unique CDR3
13 unique J



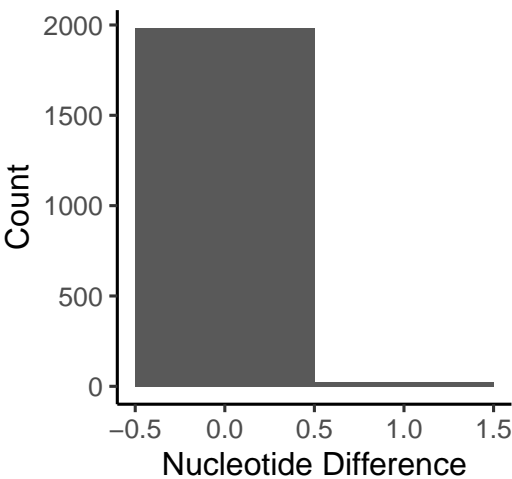
TRBV7-8*ap01

734 sequences assigned
733 (99.9%) exact matches, in which:
724 unique CDR3
13 unique J

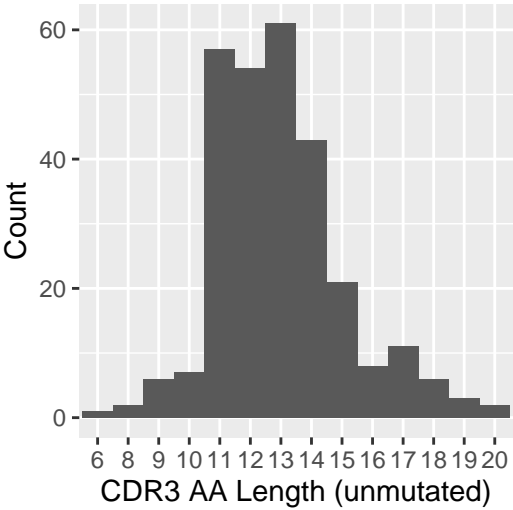


TRBV29-1*ap01

2007 sequences assigned
1983 (98.8%) exact matches, in which:
1960 unique CDR3
13 unique J



TRBV7-7*ap01_C315T





[illegible]