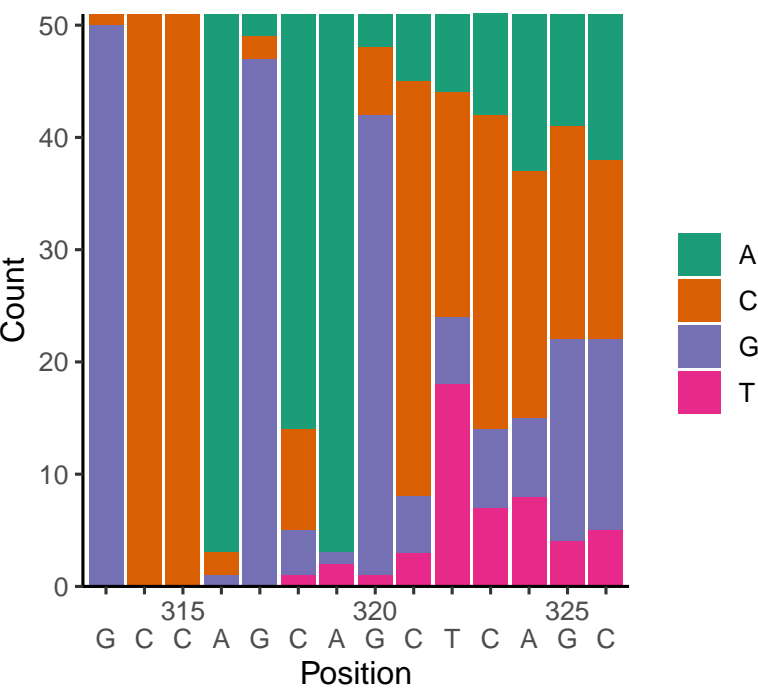
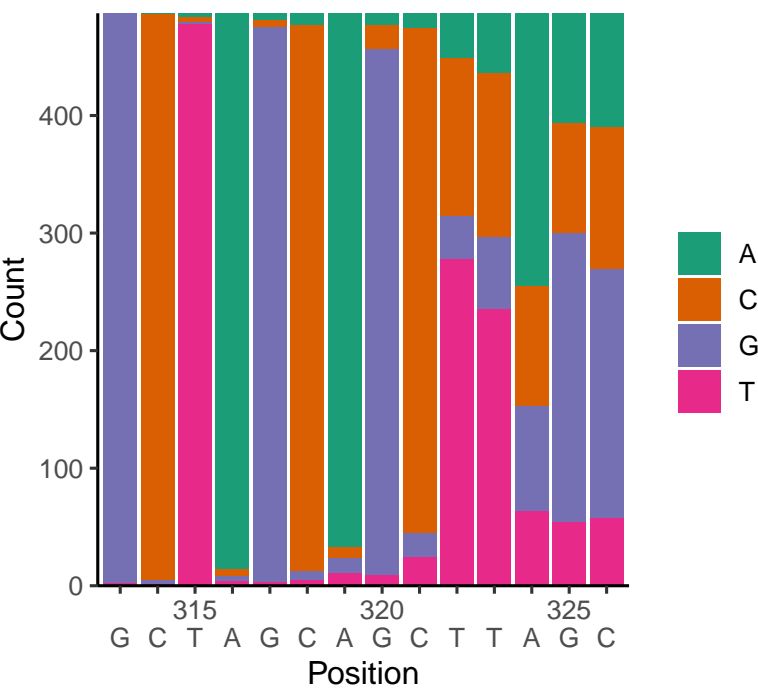


Gene TRBV7-1*ap01_T296C



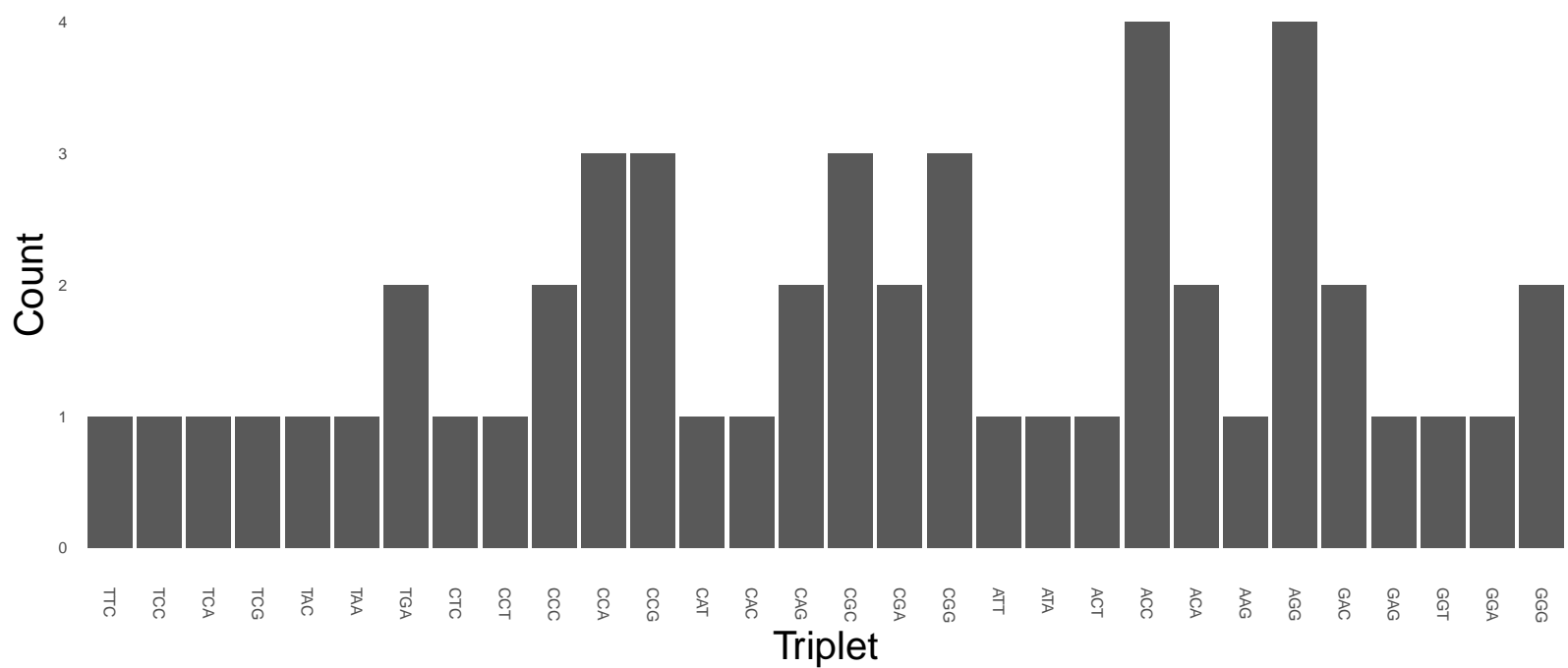
Gene TRBV7-7*ap01_C315T



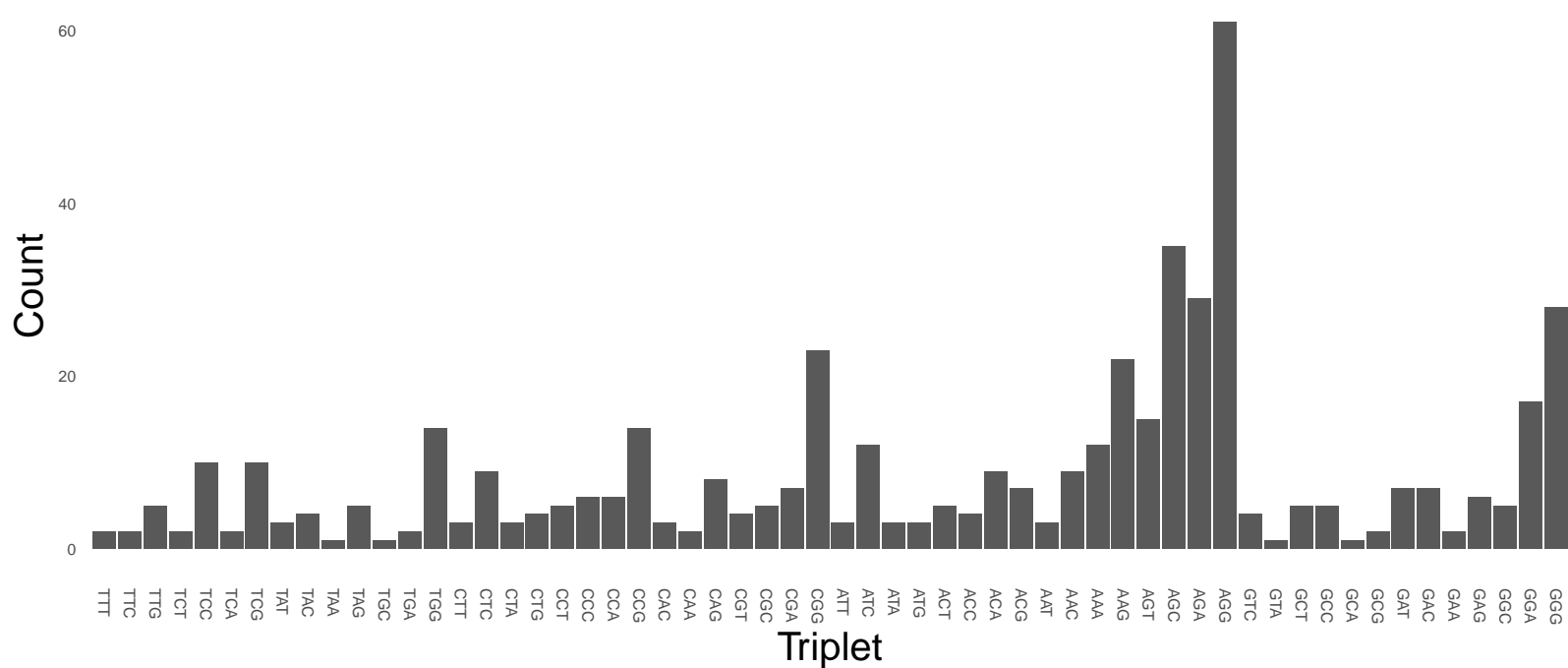
Gene TRBV7-1*ap01_T296C



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

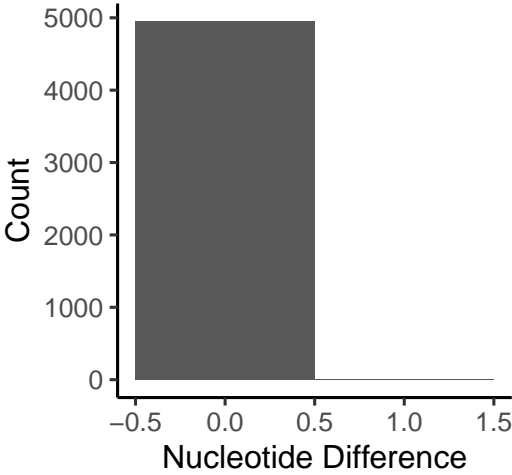


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



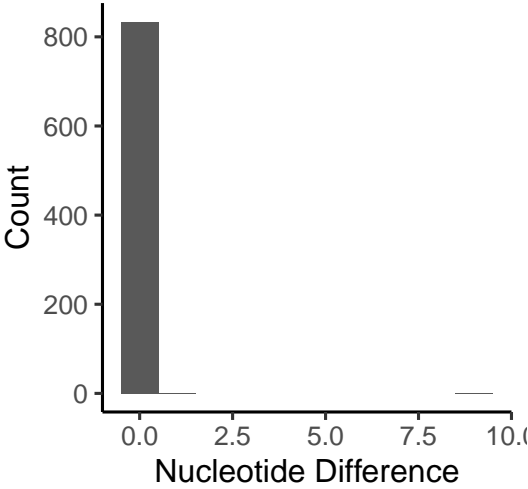
TRBV20-1*ap01

4958 sequences assigned
4950 (99.8%) exact matches, in which:
4936 unique CDR3
13 unique J



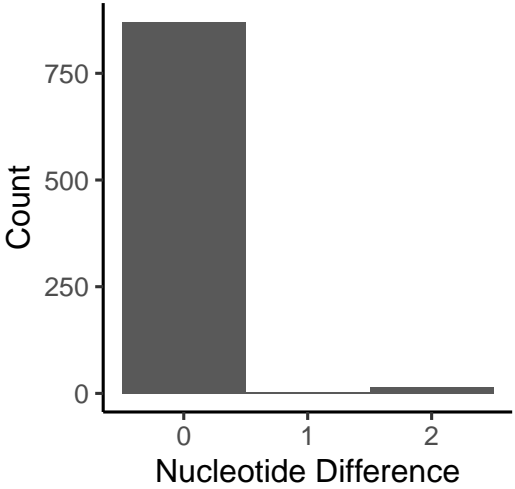
TRBV10-2*ap01

836 sequences assigned
834 (99.8%) exact matches, in which:
833 unique CDR3
13 unique J



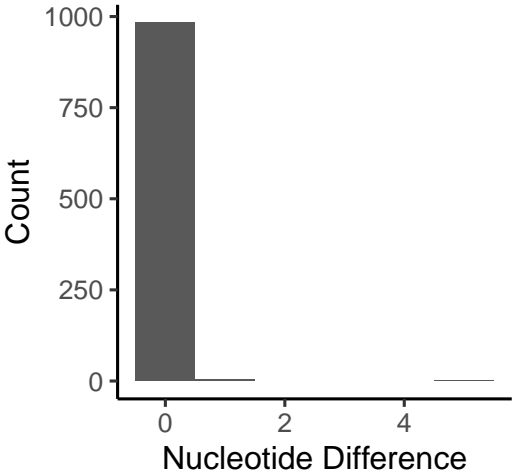
TRBV13*ap01

889 sequences assigned
871 (98%) exact matches, in which:
870 unique CDR3
13 unique J



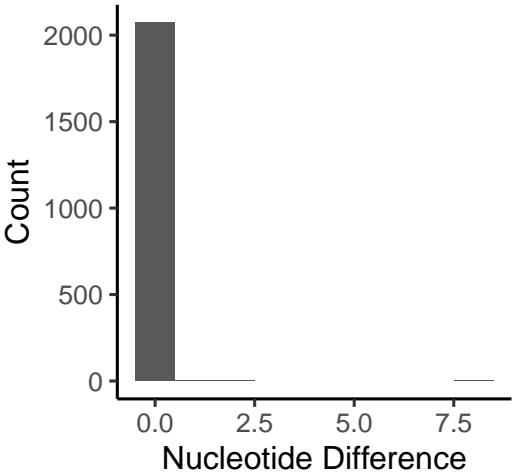
TRBV10-1*ap01

989 sequences assigned
983 (99.4%) exact matches, in which:
982 unique CDR3
13 unique J



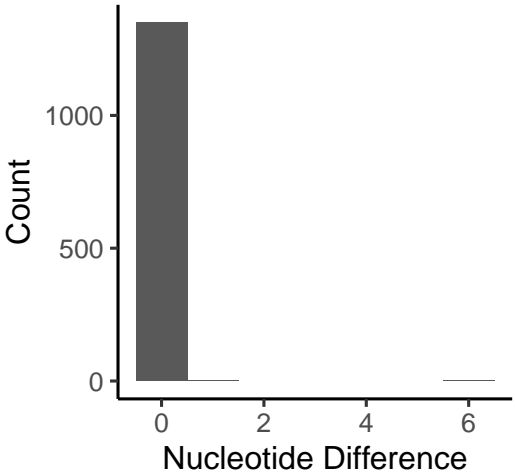
TRBV10-3*ap01

2079 sequences assigned
2072 (99.7%) exact matches, in which:
2070 unique CDR3
13 unique J



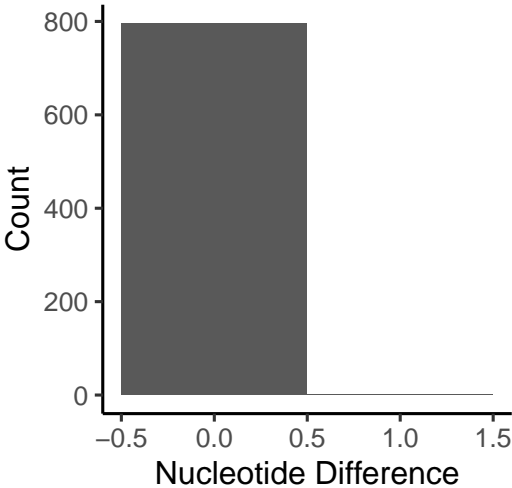
TRBV14*ap01

1351 sequences assigned
1349 (99.9%) exact matches, in which:
1348 unique CDR3
13 unique J



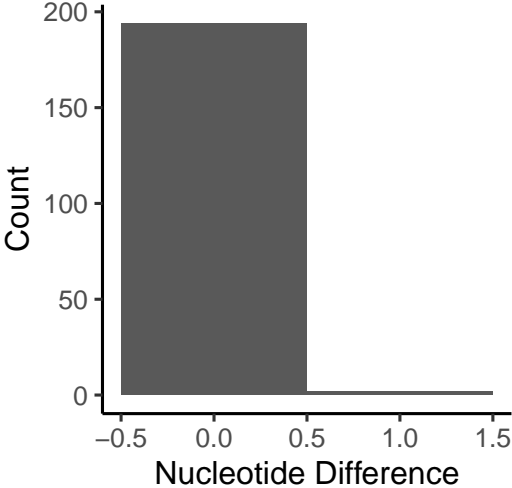
TRBV20-1*ap02

797 sequences assigned
796 (99.9%) exact matches, in which:
791 unique CDR3
13 unique J



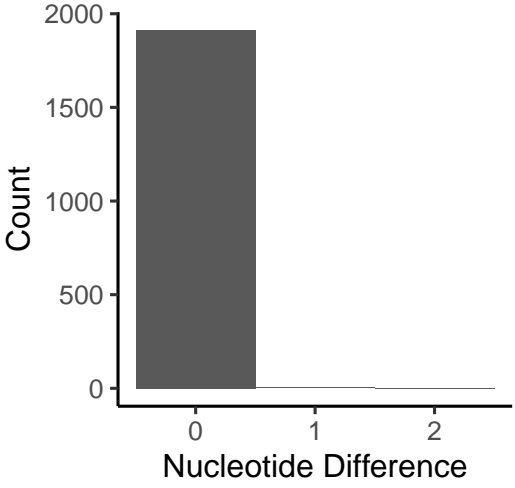
TRBV1*ap01

196 sequences assigned
194 (99%) exact matches, in which:
193 unique CDR3
13 unique J



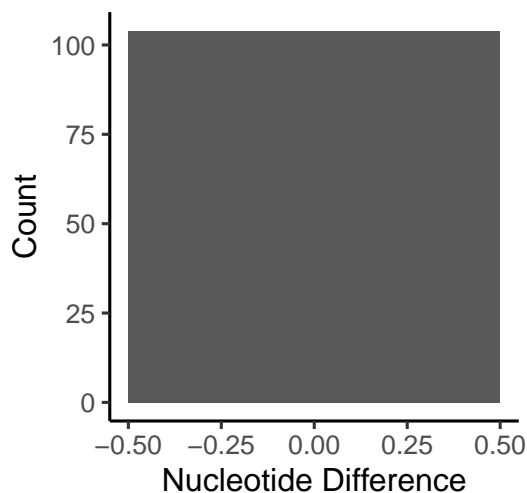
TRBV15*ap02

1920 sequences assigned
1913 (99.6%) exact matches, in which:
1910 unique CDR3
13 unique J



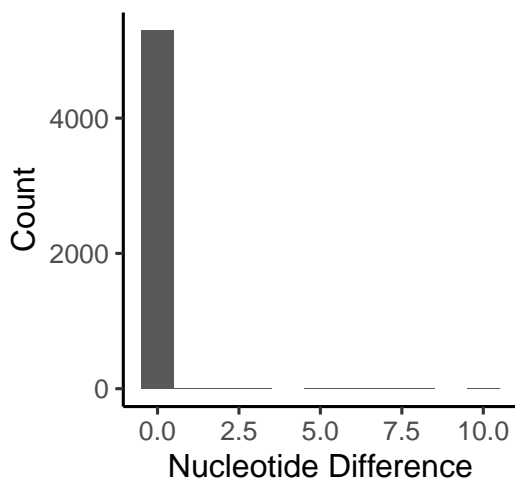
TRBV16*ap01

104 sequences assigned
104 (100%) exact matches, in which:
104 unique CDR3
13 unique J



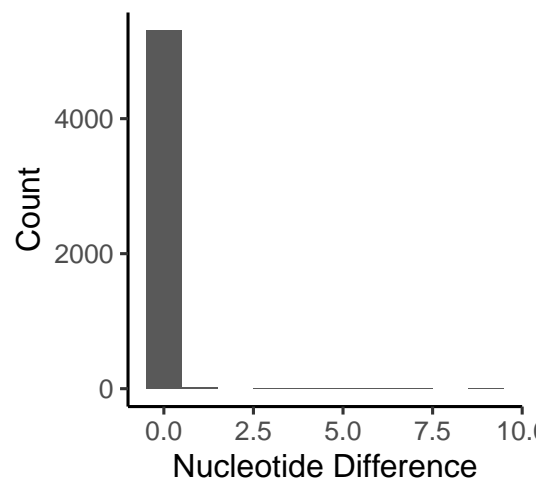
TRBV19*ap01

5318 sequences assigned
5297 (99.6%) exact matches, in which:
5297 unique CDR3
13 unique J



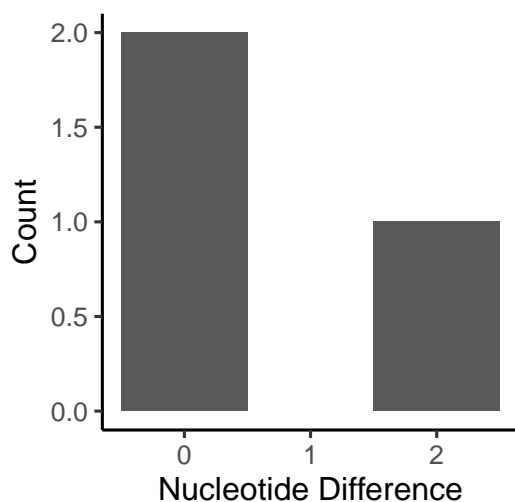
TRBV27*ap01

5331 sequences assigned
5307 (99.5%) exact matches, in which:
5296 unique CDR3
13 unique J



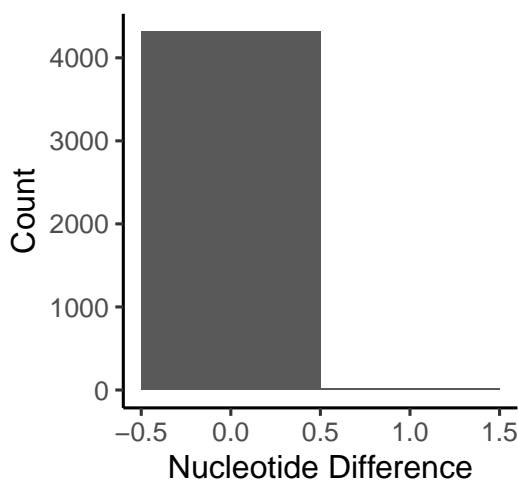
TRBV17*ap01

3 sequences assigned
2 (66.7%) exact matches, in which:
2 unique CDR3
2 unique J



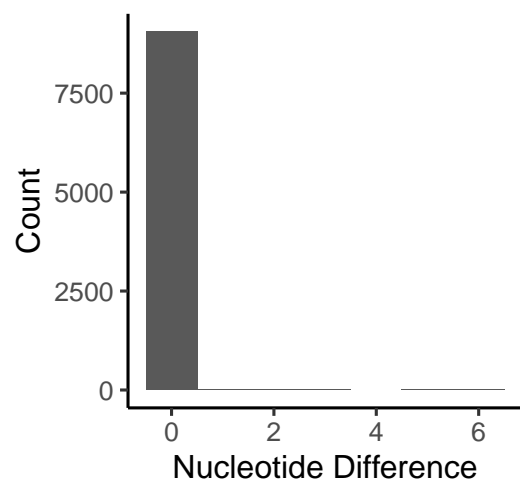
TRBV2*ap01

4328 sequences assigned
4314 (99.7%) exact matches, in which:
4302 unique CDR3
13 unique J



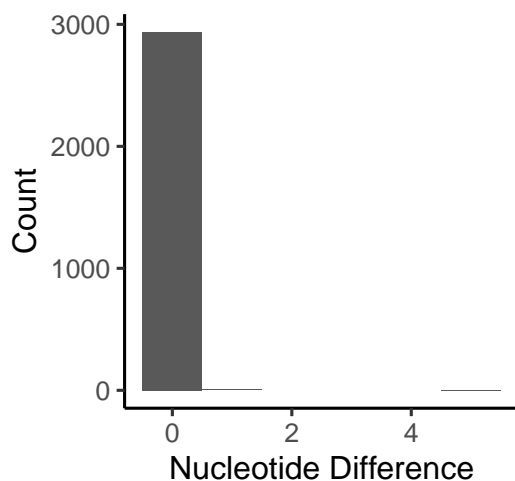
TRBV28*ap01

9077 sequences assigned
9052 (99.7%) exact matches, in which:
9034 unique CDR3
13 unique J



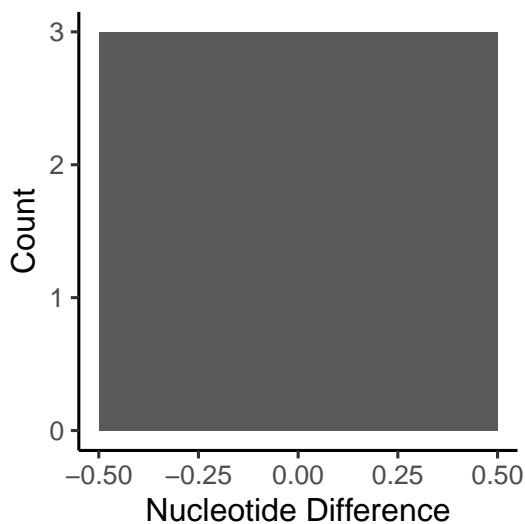
TRBV18*ap01

2944 sequences assigned
2937 (99.8%) exact matches, in which:
2936 unique CDR3
13 unique J



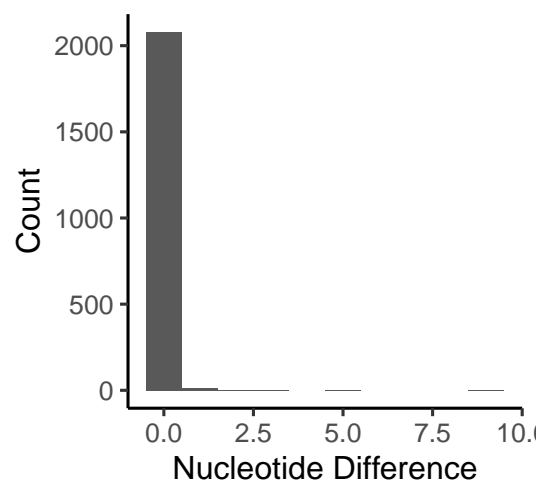
TRBV26*ap01

3 sequences assigned
3 (100%) exact matches, in which:
3 unique CDR3
2 unique J



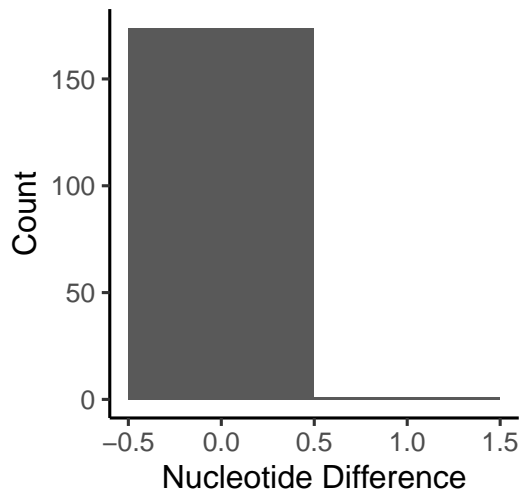
TRBV30*ap01

2097 sequences assigned
2079 (99.1%) exact matches, in which:
2074 unique CDR3
13 unique J



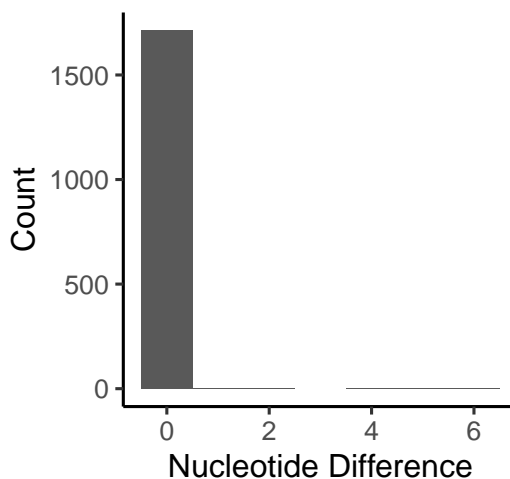
TRBV30*ap02

175 sequences assigned
174 (99.4%) exact matches, in which:
174 unique CDR3
13 unique J



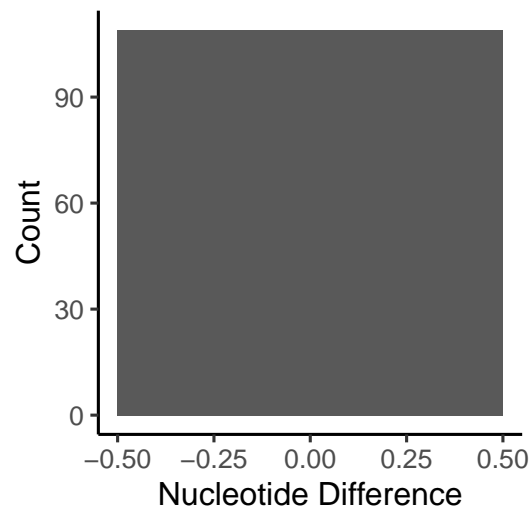
TRBV21-1*ap01

1722 sequences assigned
1713 (99.5%) exact matches, in which:
1712 unique CDR3
13 unique J



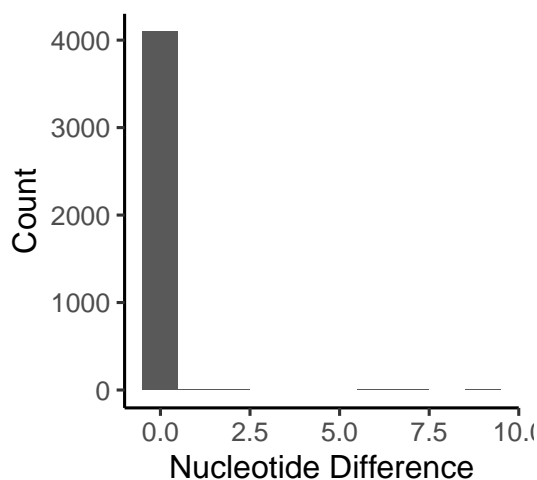
TRBV12-1*ap01

109 sequences assigned
109 (100%) exact matches, in which:
109 unique CDR3
13 unique J



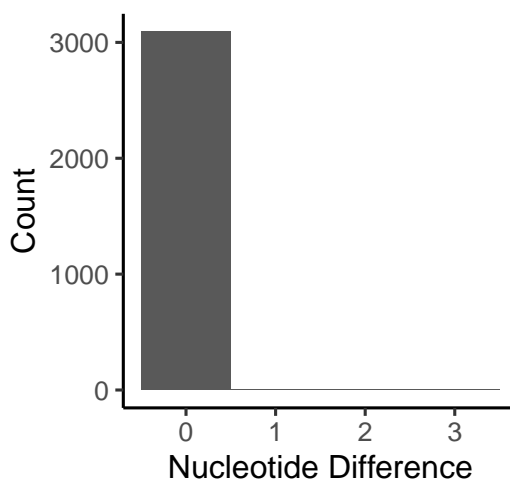
TRBV9*ap01

4110 sequences assigned
4096 (99.7%) exact matches, in which:
4087 unique CDR3
13 unique J



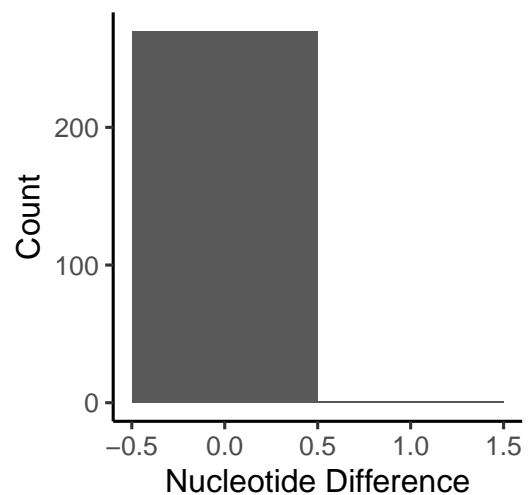
TRBV11-2*ap01

3097 sequences assigned
3092 (99.8%) exact matches, in which:
3091 unique CDR3
13 unique J



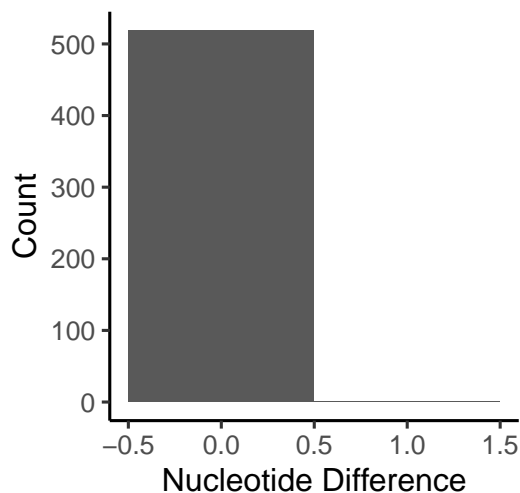
TRBV12-2*ap01

271 sequences assigned
270 (99.6%) exact matches, in which:
270 unique CDR3
13 unique J



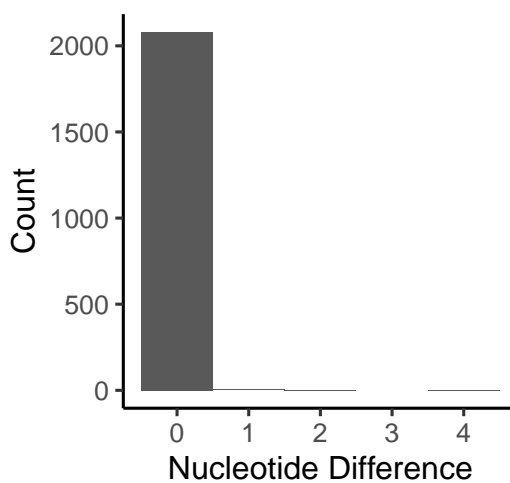
TRBV11-1*ap01

520 sequences assigned
519 (99.8%) exact matches, in which:
519 unique CDR3
13 unique J



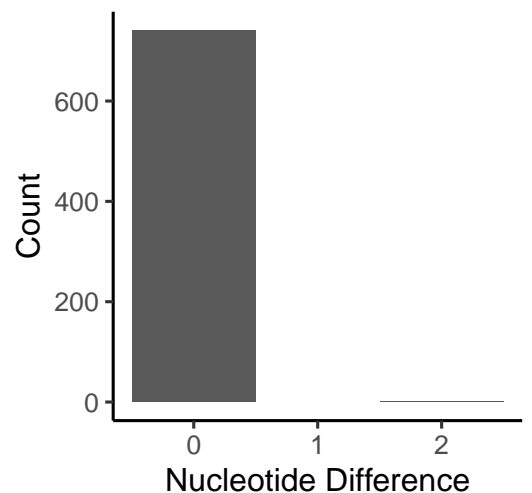
TRBV11-3*ap01

2087 sequences assigned
2080 (99.7%) exact matches, in which:
2074 unique CDR3
13 unique J



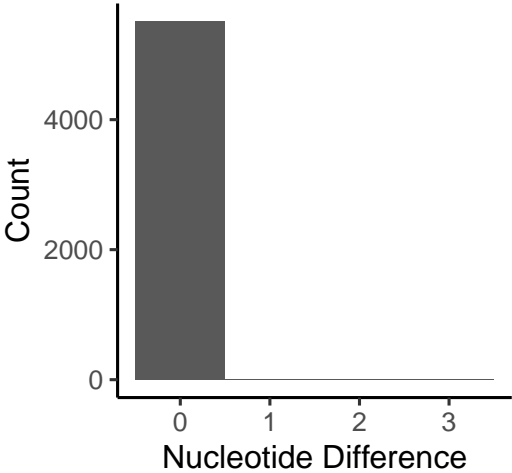
TRBV12-5*ap01

742 sequences assigned
741 (99.9%) exact matches, in which:
741 unique CDR3
13 unique J



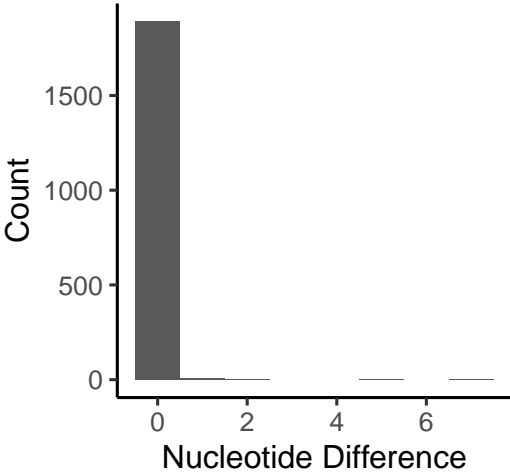
TRBV12-34*ap01

5520 sequences assigned
5511 (99.8%) exact matches, in which:
5507 unique CDR3
13 unique J



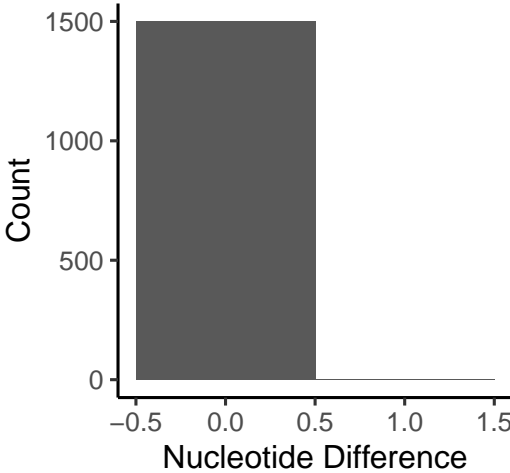
TRBV24-1*ap01

1902 sequences assigned
1891 (99.4%) exact matches, in which:
1889 unique CDR3
13 unique J



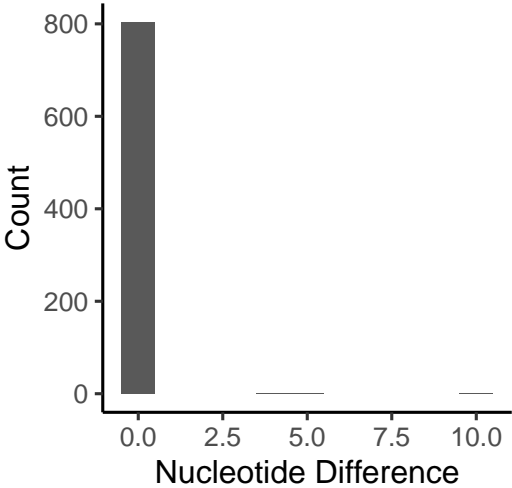
TRBV4-3*ap01

1503 sequences assigned
1500 (99.8%) exact matches, in which:
1494 unique CDR3
13 unique J



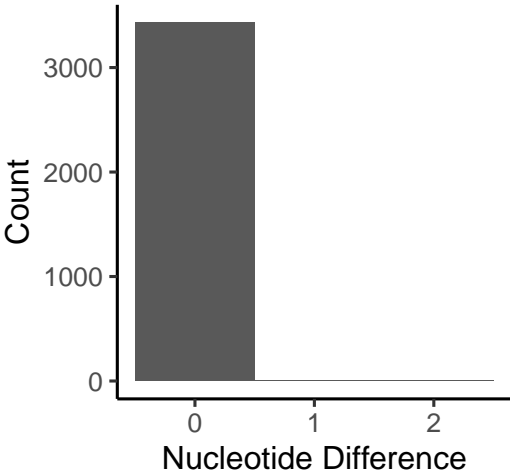
TRBV23-1*ap01

807 sequences assigned
804 (99.6%) exact matches, in which:
804 unique CDR3
13 unique J



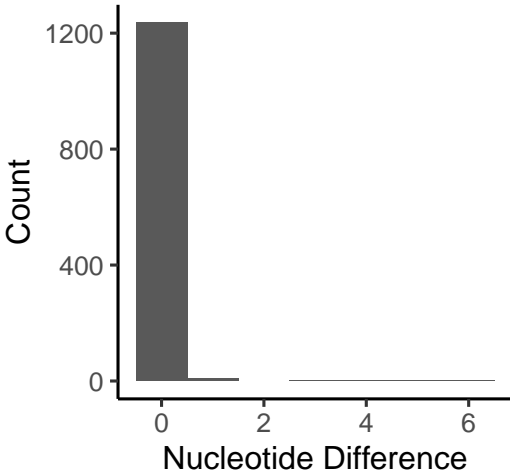
TRBV4-1*ap01

3437 sequences assigned
3429 (99.8%) exact matches, in which:
3423 unique CDR3
13 unique J



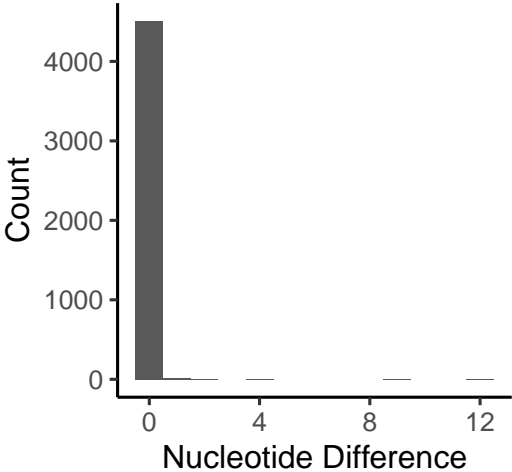
TRBV25-1*ap01

1249 sequences assigned
1236 (99%) exact matches, in which:
1234 unique CDR3
13 unique J



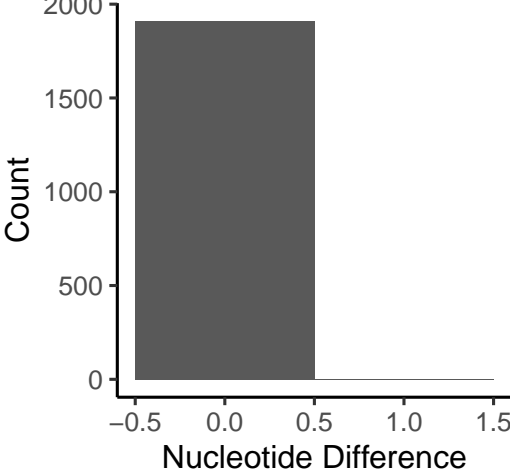
TRBV3-12*ap01

4528 sequences assigned
4508 (99.6%) exact matches, in which:
4500 unique CDR3
13 unique J



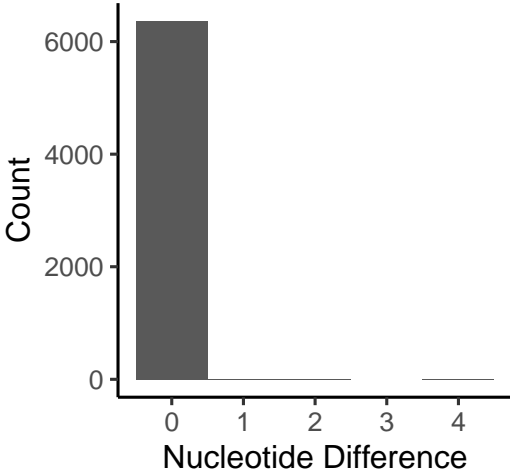
TRBV4-2*ap01

1912 sequences assigned
1910 (99.9%) exact matches, in which:
1907 unique CDR3
13 unique J



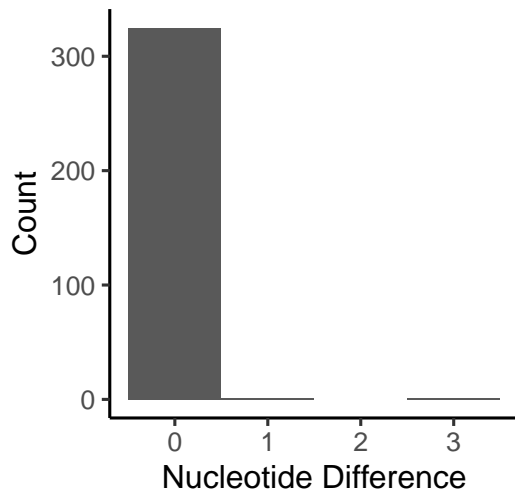
TRBV5-1*ap01

6380 sequences assigned
6365 (99.8%) exact matches, in which:
6346 unique CDR3
13 unique J



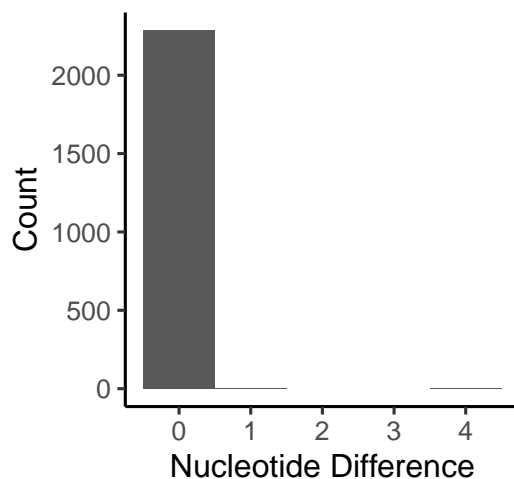
TRBV5-3*ap01

327 sequences assigned
325 (99.4%) exact matches, in which:
325 unique CDR3
13 unique J



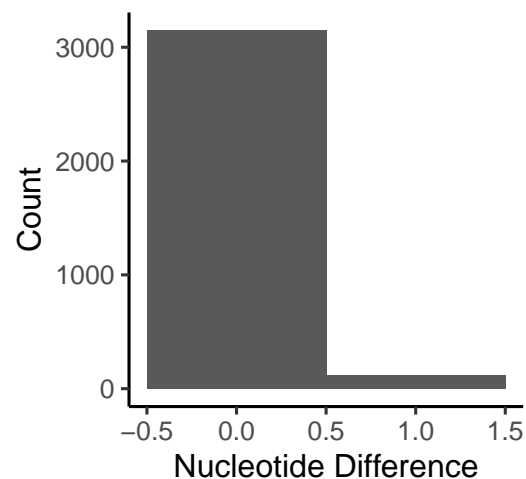
TRBV5-6*ap01

2293 sequences assigned
2286 (99.7%) exact matches, in which:
2280 unique CDR3
13 unique J



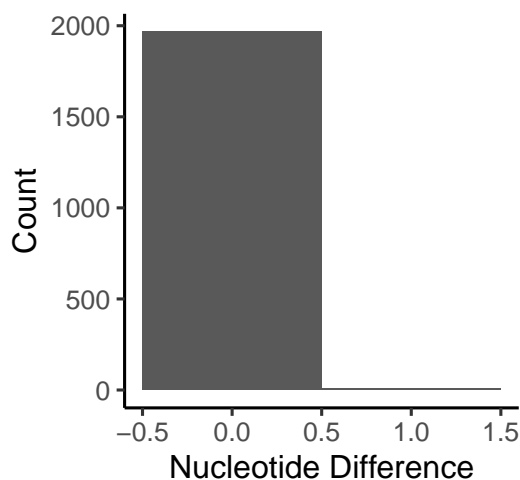
TRBV6-1*ap01

3269 sequences assigned
3148 (96.3%) exact matches, in which:
3140 unique CDR3
13 unique J



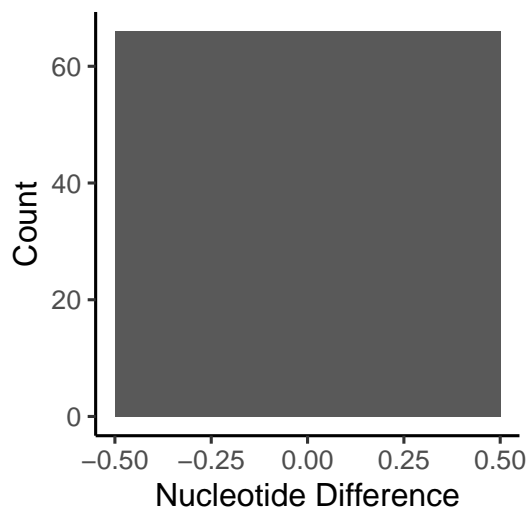
TRBV5-4*ap01

1973 sequences assigned
1967 (99.7%) exact matches, in which:
1964 unique CDR3
13 unique J



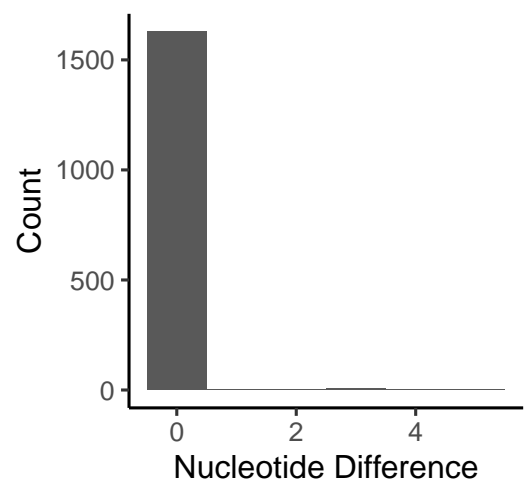
TRBV5-7*ap01

66 sequences assigned
66 (100%) exact matches, in which:
66 unique CDR3
12 unique J



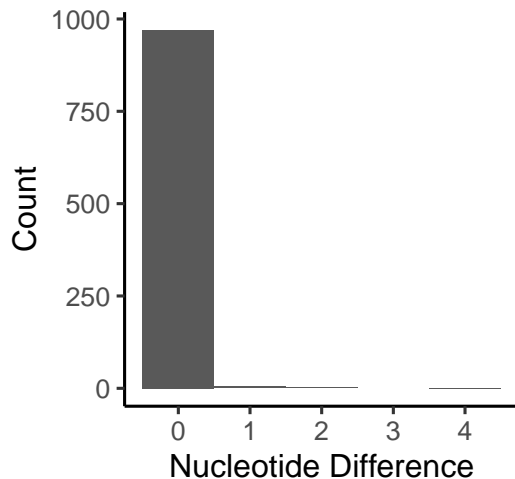
TRBV6-4*ap01

1641 sequences assigned
1628 (99.2%) exact matches, in which:
1625 unique CDR3
13 unique J



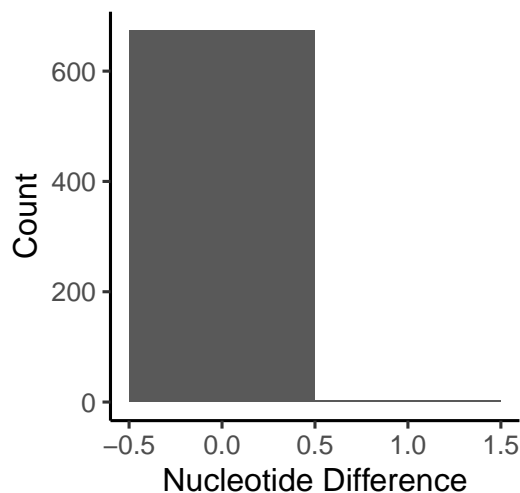
TRBV5-5*ap01

978 sequences assigned
970 (99.2%) exact matches, in which:
969 unique CDR3
13 unique J



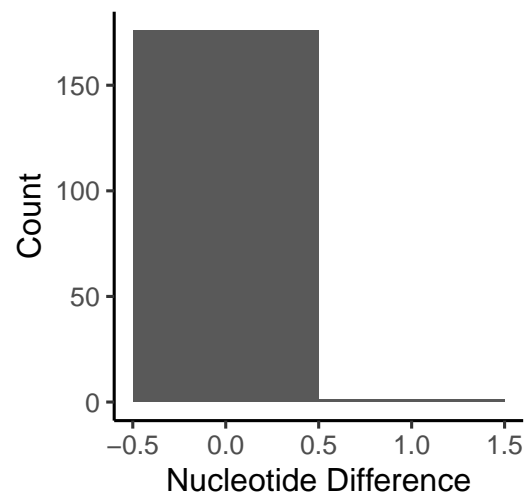
TRBV5-8*ap01

676 sequences assigned
674 (99.7%) exact matches, in which:
673 unique CDR3
13 unique J



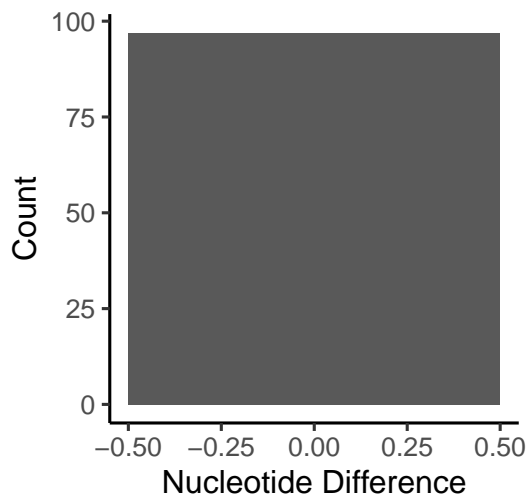
TRBV6-7*ap01

177 sequences assigned
176 (99.4%) exact matches, in which:
176 unique CDR3
13 unique J



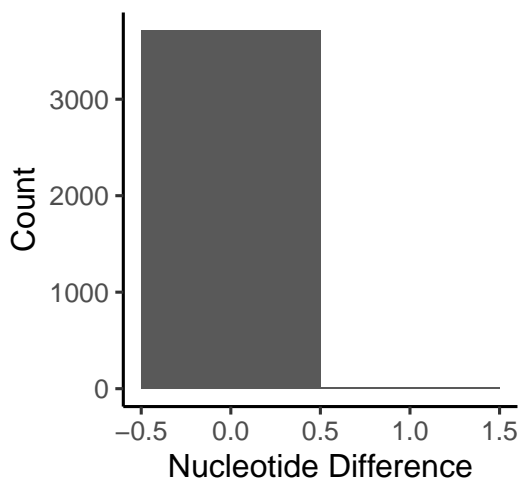
TRBV6–8*ap01

97 sequences assigned
97 (100%) exact matches, in which:
97 unique CDR3
13 unique J



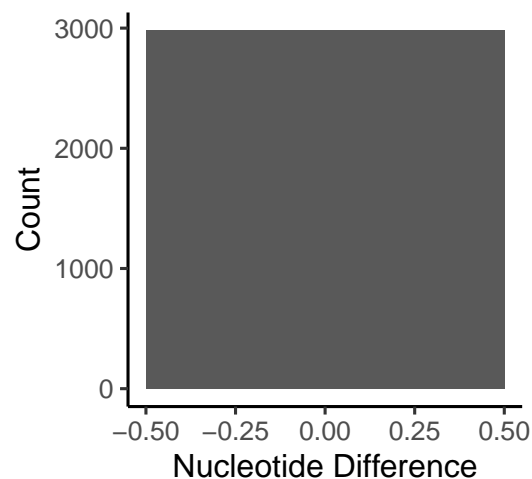
TRBV6–56*ap01

3731 sequences assigned
3713 (99.5%) exact matches, in which:
3708 unique CDR3
13 unique J



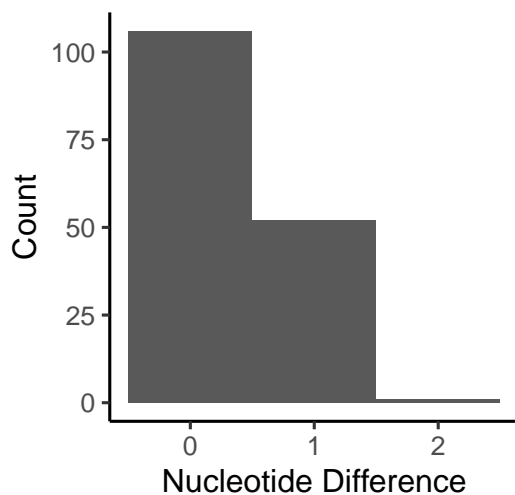
TRBV7–2*ap01

2981 sequences assigned
2981 (100%) exact matches, in which:
2980 unique CDR3
13 unique J



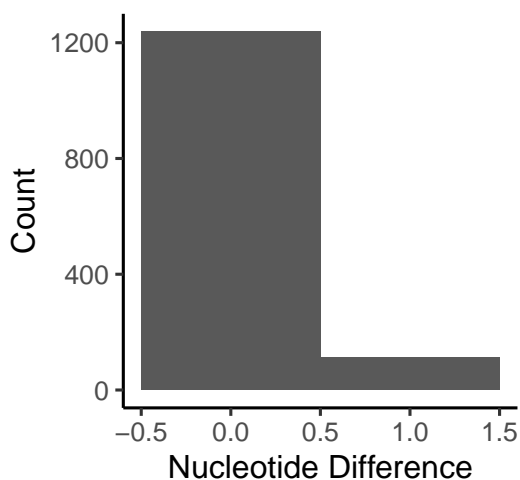
TRBV6–9*ap01

159 sequences assigned
106 (66.7%) exact matches, in which:
106 unique CDR3
13 unique J



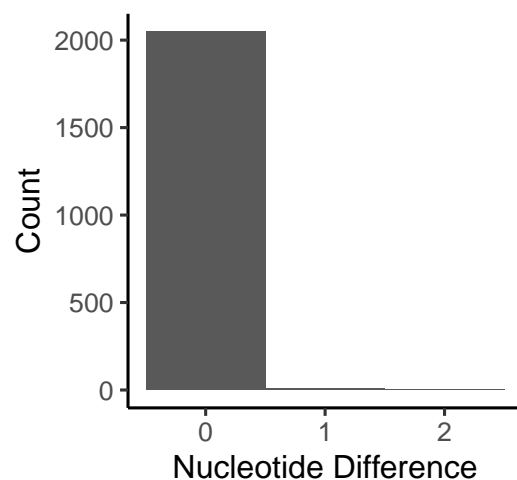
TRBV6–56*ap02

1352 sequences assigned
1238 (91.6%) exact matches, in which:
1235 unique CDR3
13 unique J



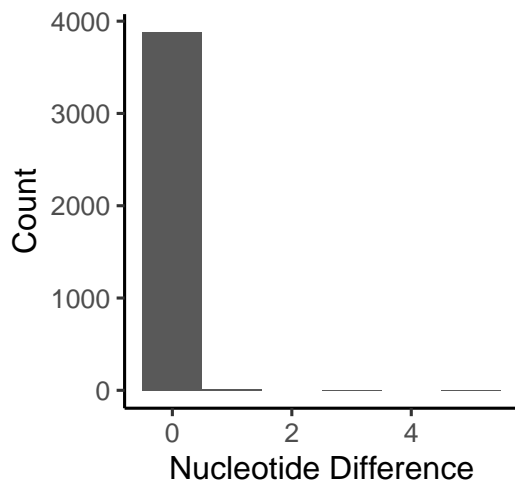
TRBV7–3*ap01

2058 sequences assigned
2048 (99.5%) exact matches, in which:
2043 unique CDR3
13 unique J



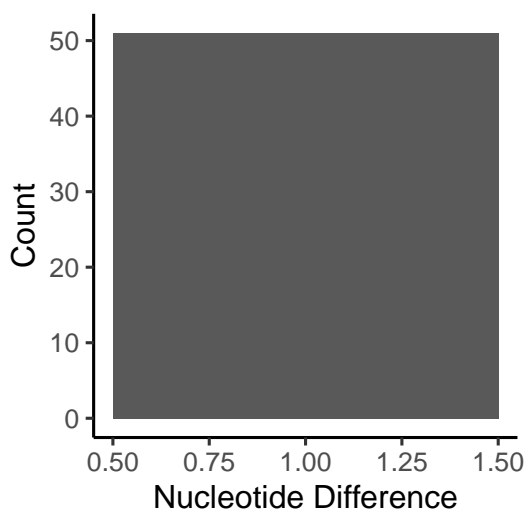
TRBV6–23*ap01

3896 sequences assigned
3882 (99.6%) exact matches, in which:
3879 unique CDR3
13 unique J



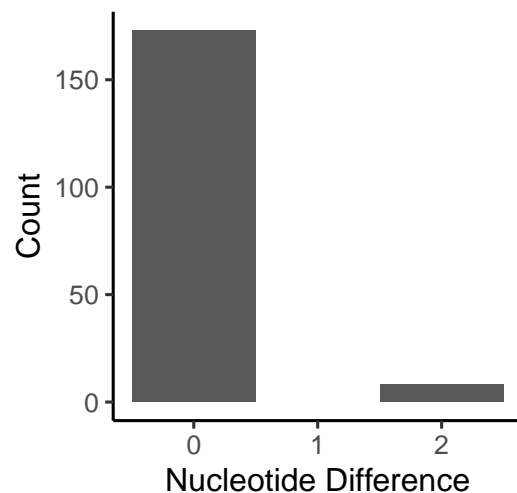
TRBV7–1*ap01_T296C

51 sequences assigned
No exact matches.



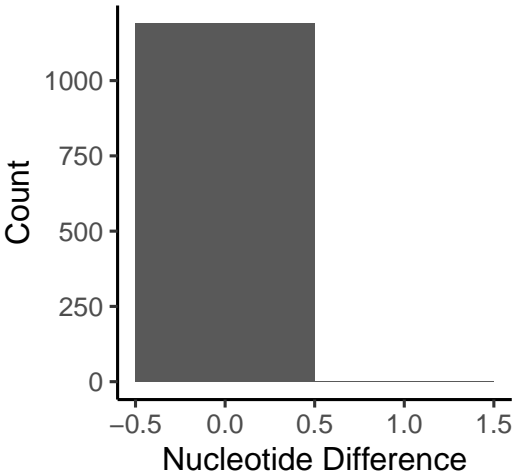
TRBV7–4*ap01

181 sequences assigned
173 (95.6%) exact matches, in which:
172 unique CDR3
13 unique J



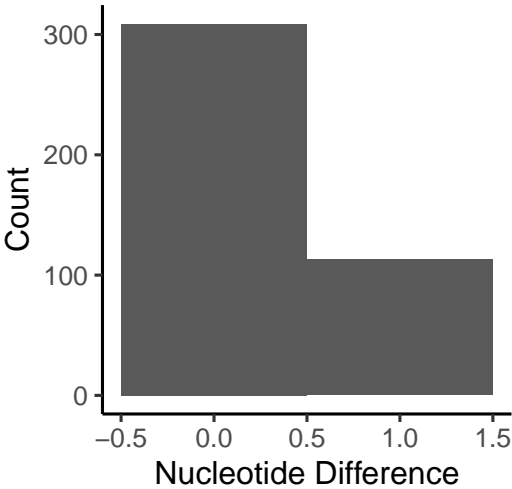
TRBV7-6*ap01

1193 sequences assigned
1190 (99.7%) exact matches, in which:
1189 unique CDR3
13 unique J



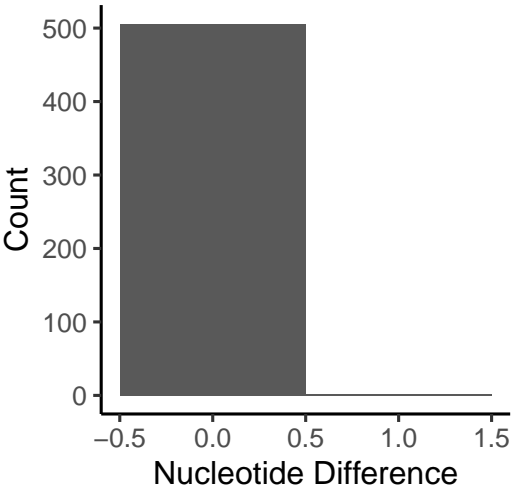
TRBV7-8*ap03

422 sequences assigned
309 (73.2%) exact matches, in which:
308 unique CDR3
13 unique J



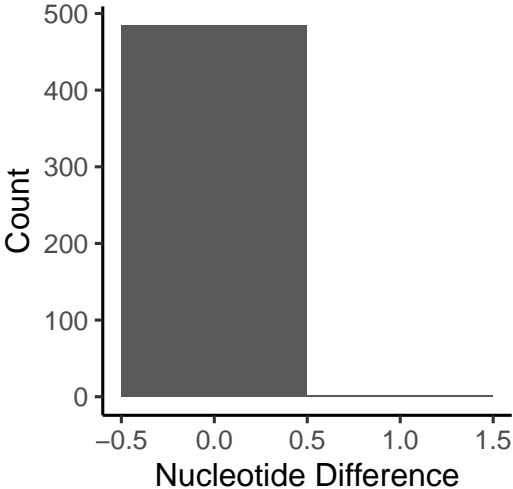
TRBV29-1*ap02

508 sequences assigned
506 (99.6%) exact matches, in which:
506 unique CDR3
13 unique J



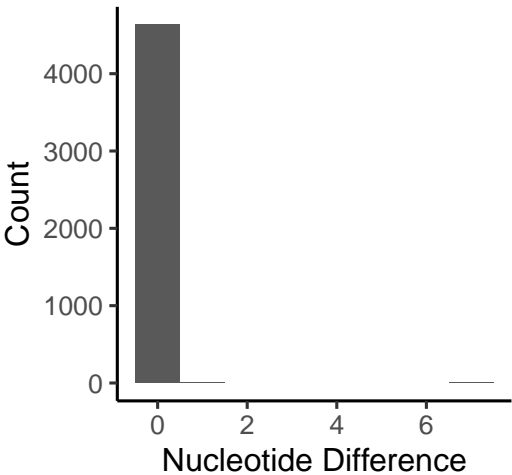
TRBV7-7*ap01_C315T

487 sequences assigned
485 (99.6%) exact matches, in which:
483 unique CDR3
13 unique J



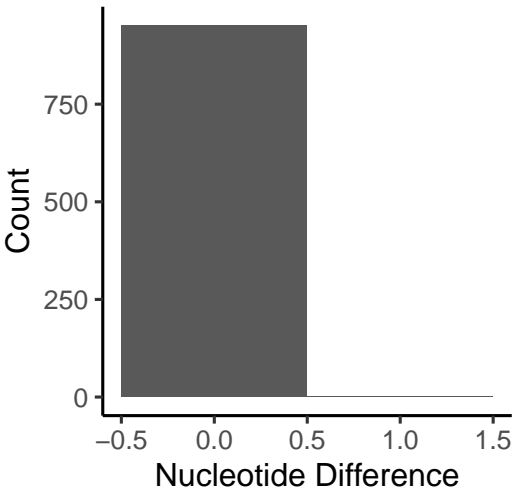
TRBV7-9*ap01

4638 sequences assigned
4633 (99.9%) exact matches, in which:
4625 unique CDR3
13 unique J



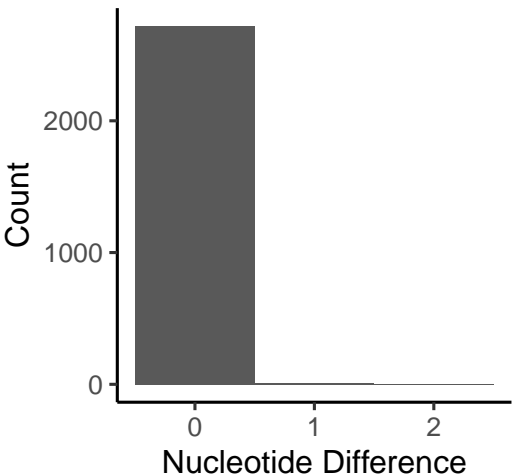
TRBV7-8*ap01

953 sequences assigned
952 (99.9%) exact matches, in which:
950 unique CDR3
13 unique J



TRBV29-1*ap01

2729 sequences assigned
2719 (99.6%) exact matches, in which:
2714 unique CDR3
13 unique J



TRBV7-7*ap01_C315T

