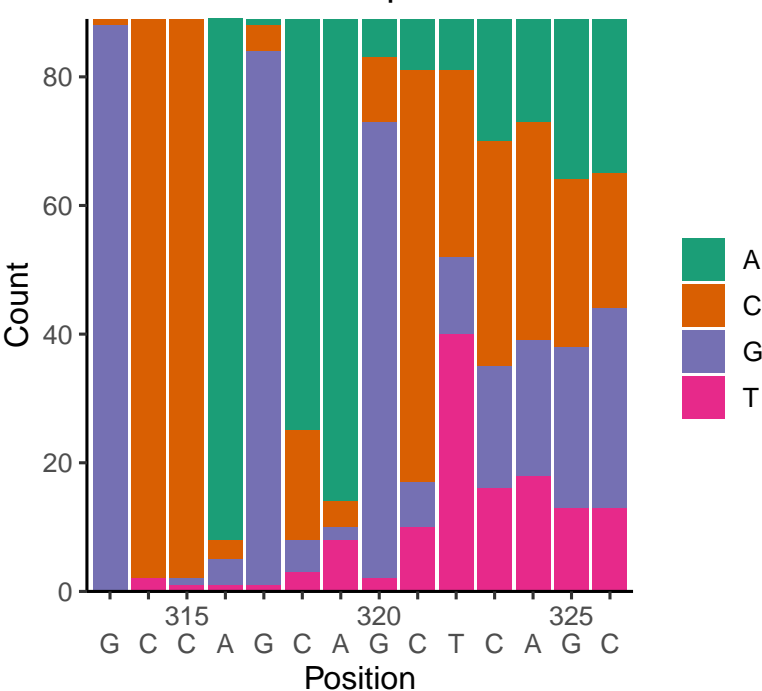
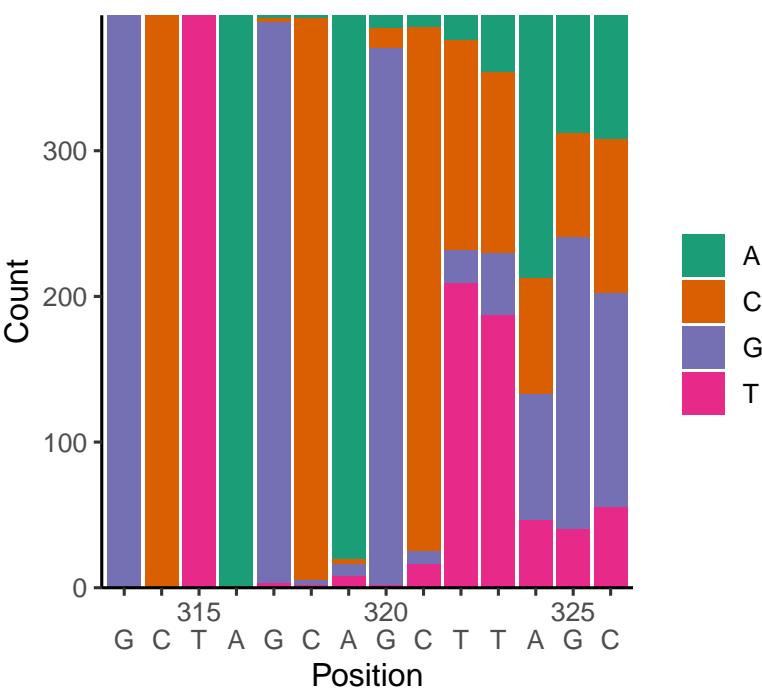


Gene TRBV7-1*ap01_T296C



Gene TRBV7-7*ap01_C315T



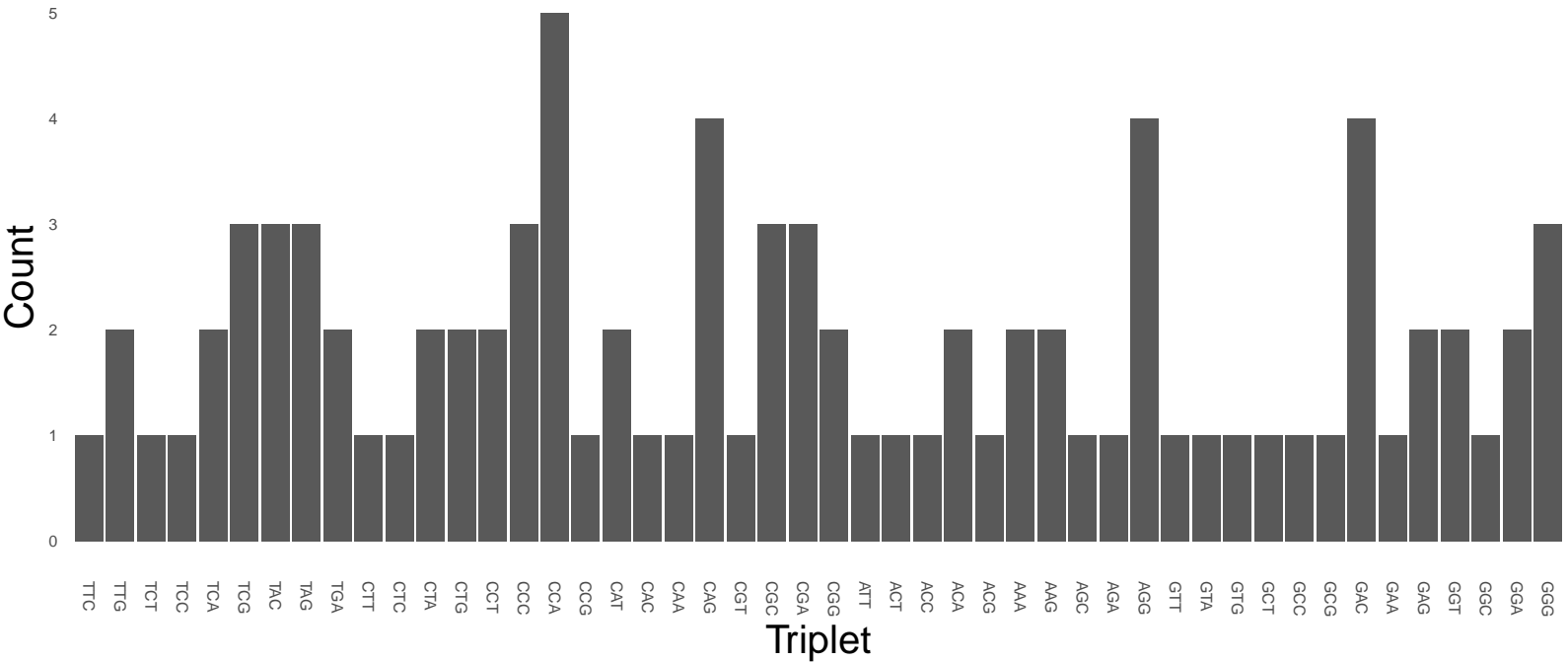
Gene TRBV7-1*ap01_T296C



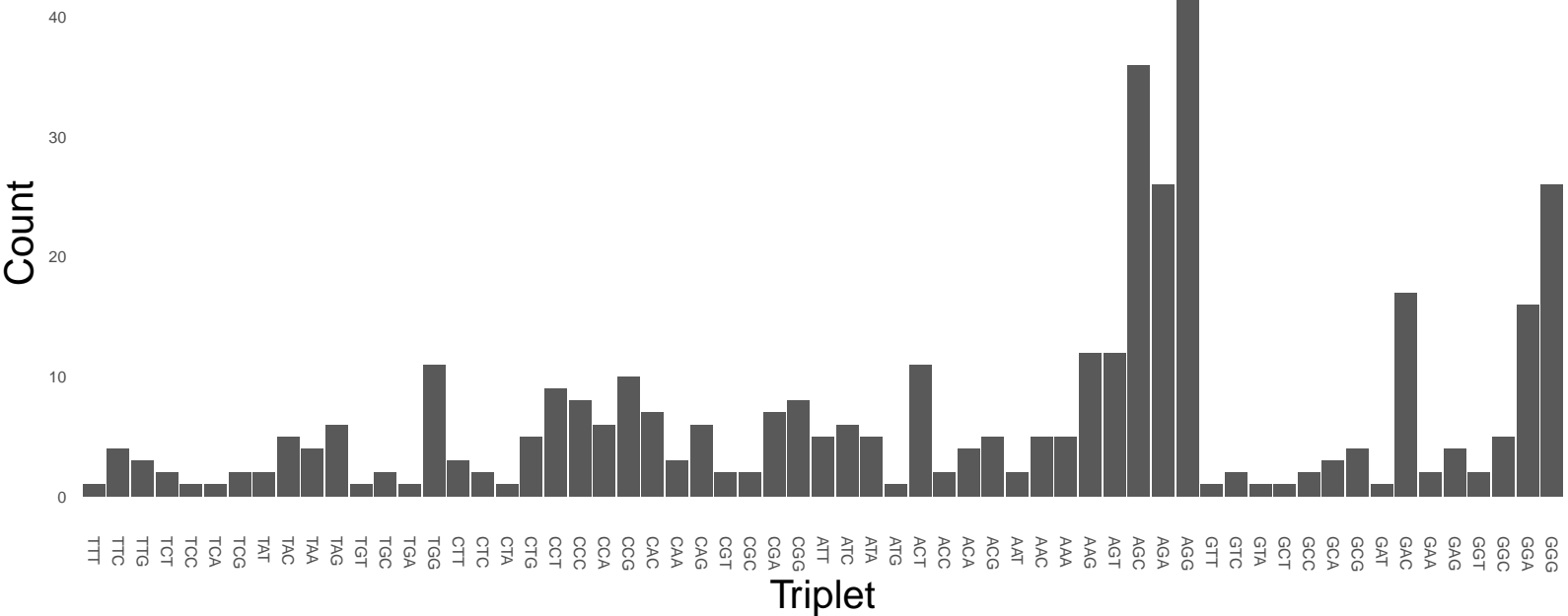
Gene TRBV7-7*ap01_C315T



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

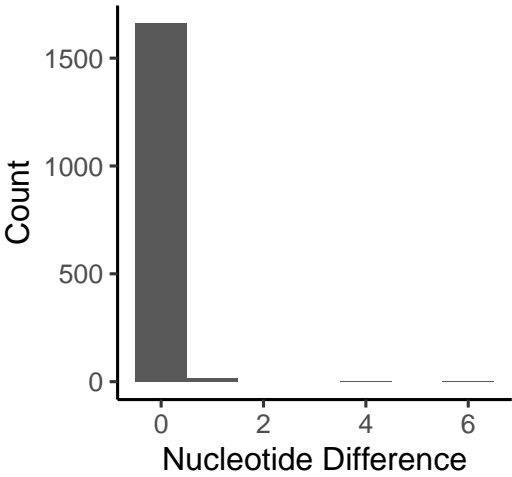


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



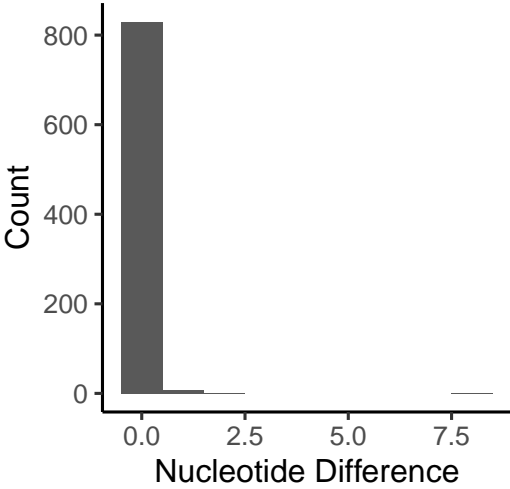
TRBV10-1*ap01

1680 sequences assigned
1661 (98.9%) exact matches, in which:
1610 unique CDR3
13 unique J



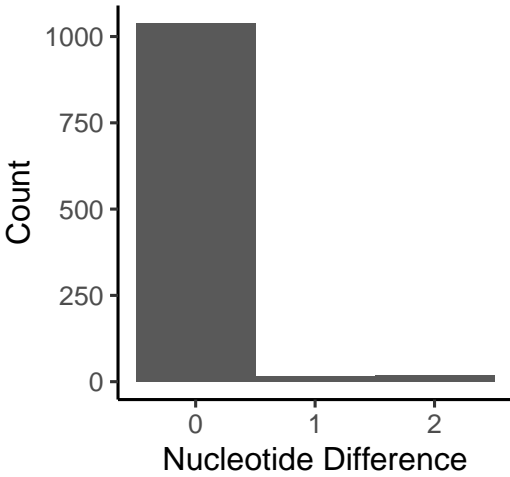
TRBV10-2*ap01

839 sequences assigned
830 (98.9%) exact matches, in which:
817 unique CDR3
13 unique J



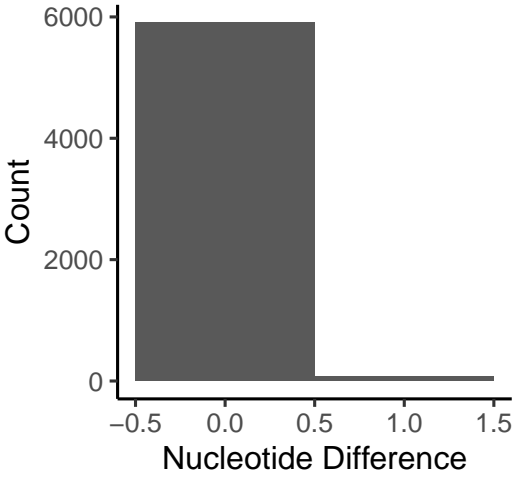
TRBV13*ap01

1074 sequences assigned
1038 (96.6%) exact matches, in which:
995 unique CDR3
13 unique J



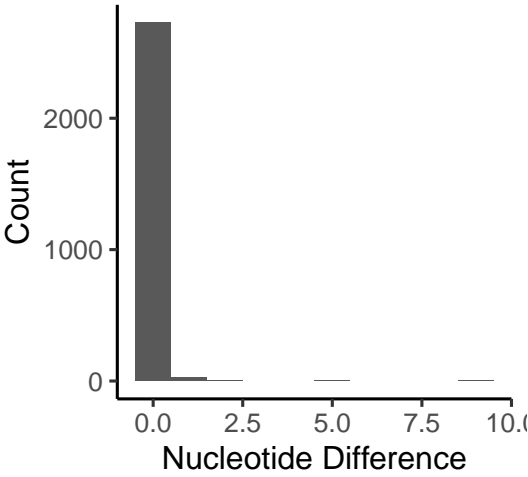
TRBV20-1*ap01

5978 sequences assigned
5904 (98.8%) exact matches, in which:
5828 unique CDR3
13 unique J



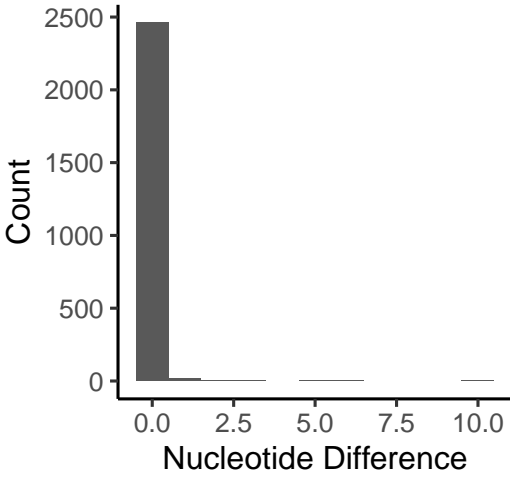
TRBV10-3*ap01

2759 sequences assigned
2727 (98.8%) exact matches, in which:
2655 unique CDR3
13 unique J



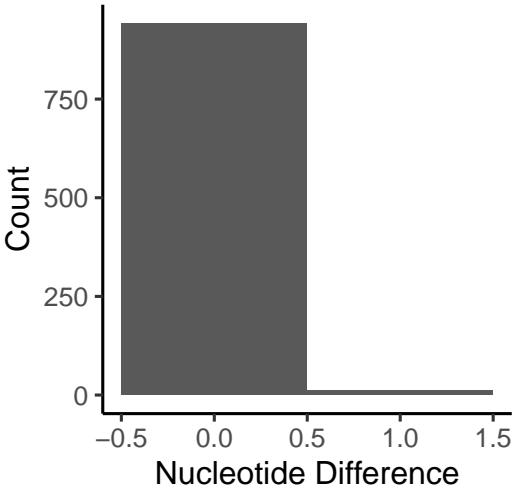
TRBV14*ap01

2482 sequences assigned
2461 (99.2%) exact matches, in which:
2432 unique CDR3
13 unique J



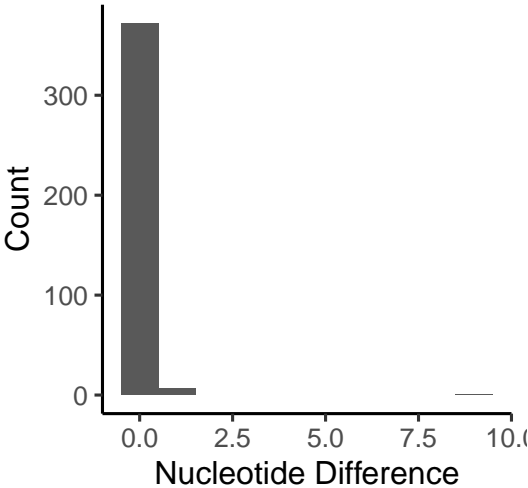
TRBV20-1*ap02

954 sequences assigned
942 (98.7%) exact matches, in which:
925 unique CDR3
13 unique J



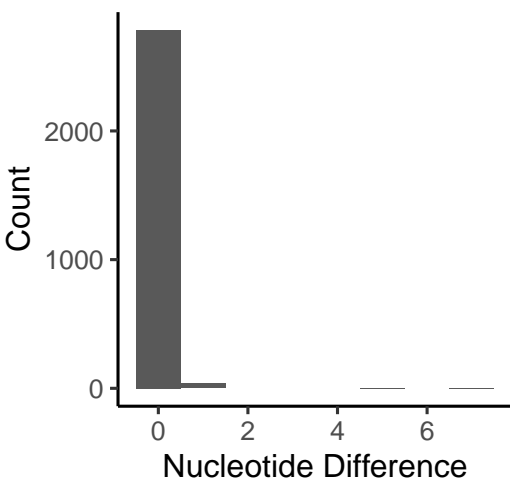
TRBV1*ap01

380 sequences assigned
372 (97.9%) exact matches, in which:
362 unique CDR3
13 unique J



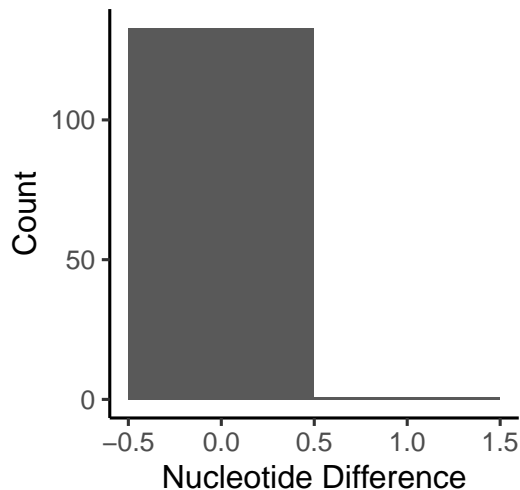
TRBV15*ap02

2823 sequences assigned
2784 (98.6%) exact matches, in which:
2724 unique CDR3
13 unique J



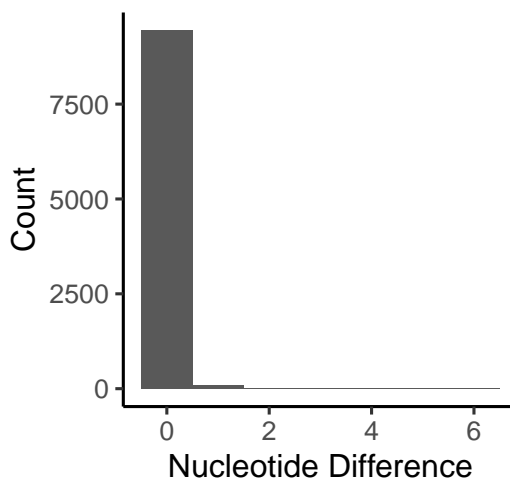
TRBV16*ap01

134 sequences assigned
133 (99.3%) exact matches, in which:
133 unique CDR3
12 unique J



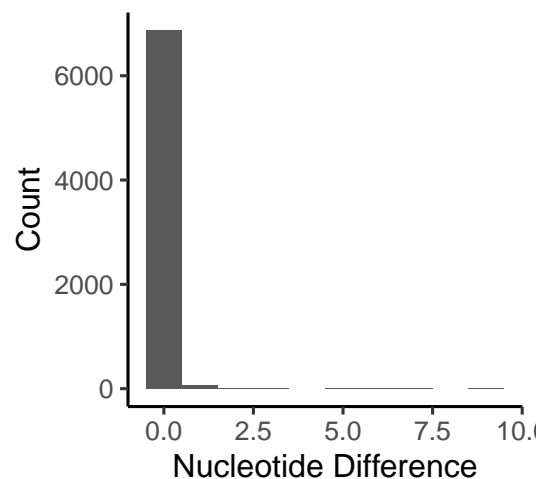
TRBV19*ap01

9549 sequences assigned
9443 (98.9%) exact matches, in which:
9361 unique CDR3
13 unique J



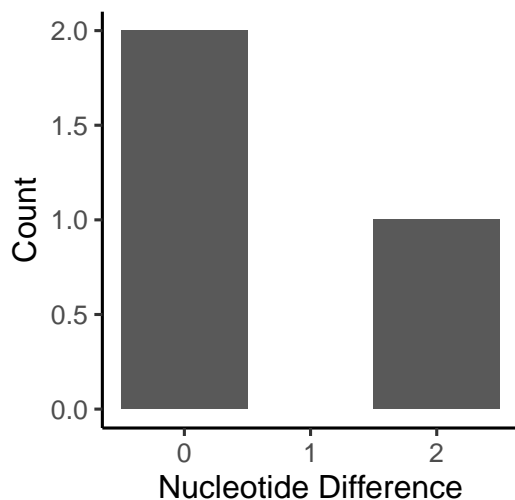
TRBV27*ap01

6959 sequences assigned
6869 (98.7%) exact matches, in which:
6701 unique CDR3
13 unique J



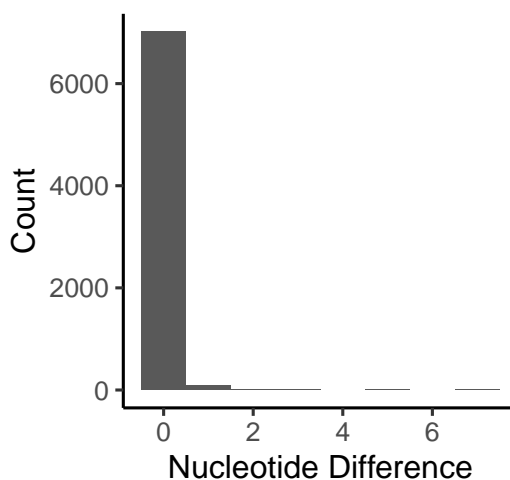
TRBV17*ap01

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



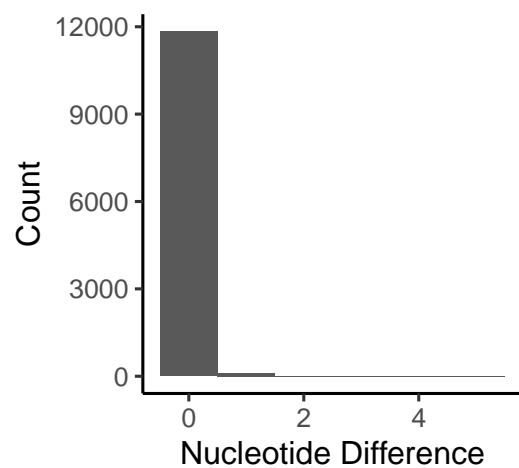
TRBV2*ap01

7117 sequences assigned
7016 (98.6%) exact matches, in which:
6863 unique CDR3
13 unique J



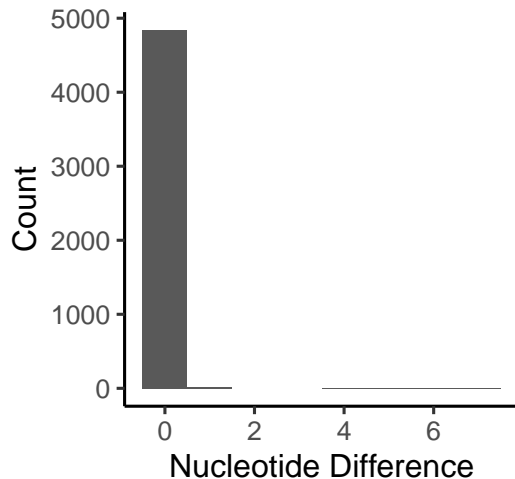
TRBV28*ap01

11959 sequences assigned
11838 (99%) exact matches, in which:
11666 unique CDR3
13 unique J



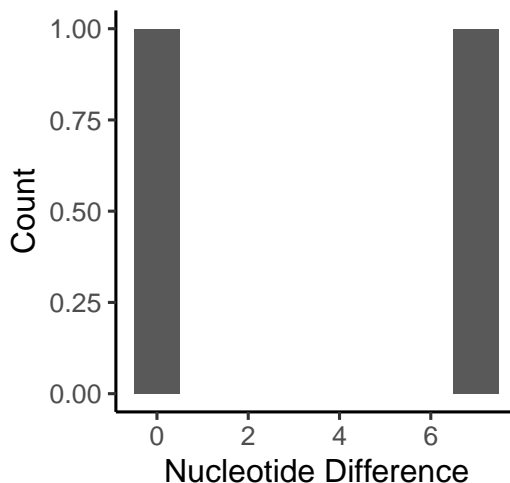
TRBV18*ap01

4863 sequences assigned
4840 (99.5%) exact matches, in which:
4804 unique CDR3
13 unique J



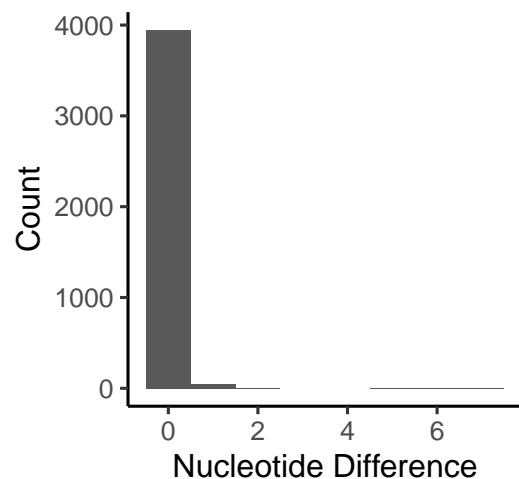
TRBV26*ap01

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



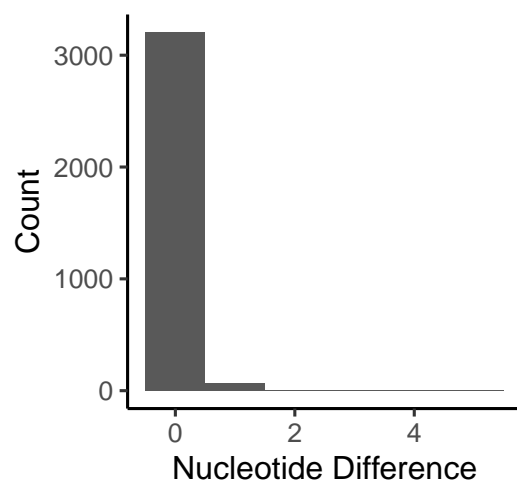
TRBV30*ap01

4001 sequences assigned
3945 (98.6%) exact matches, in which:
3842 unique CDR3
13 unique J



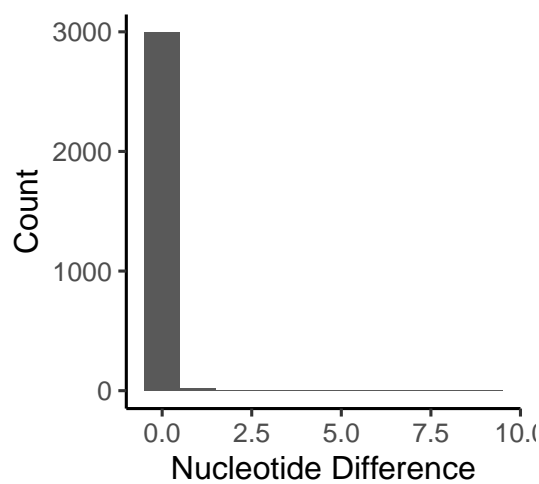
TRBV30*ap02

3280 sequences assigned
3204 (97.7%) exact matches, in which:
3140 unique CDR3
13 unique J



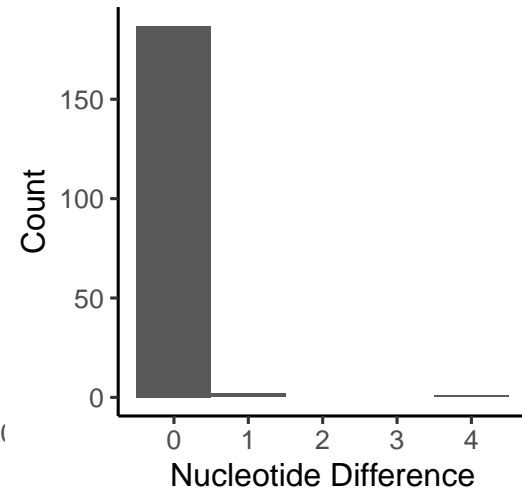
TRBV21-1*ap01

3039 sequences assigned
2995 (98.6%) exact matches, in which:
2964 unique CDR3
13 unique J



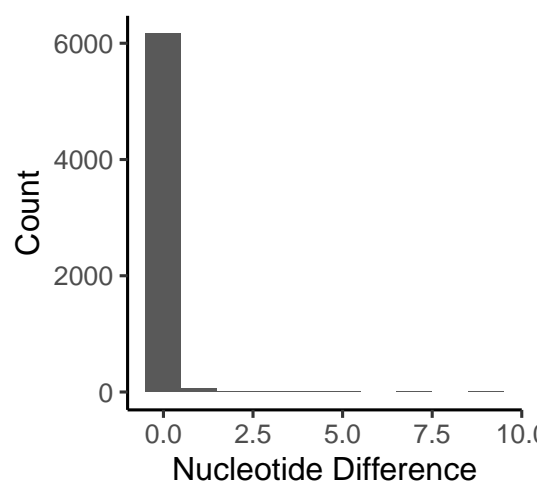
TRBV12-1*ap01

190 sequences assigned
187 (98.4%) exact matches, in which:
183 unique CDR3
13 unique J



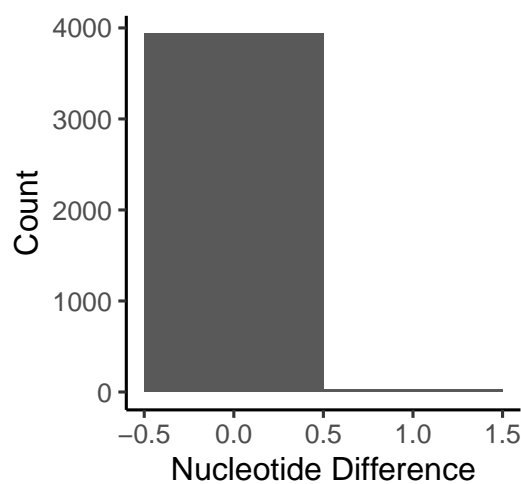
TRBV9*ap01

6233 sequences assigned
6164 (98.9%) exact matches, in which:
6077 unique CDR3
13 unique J



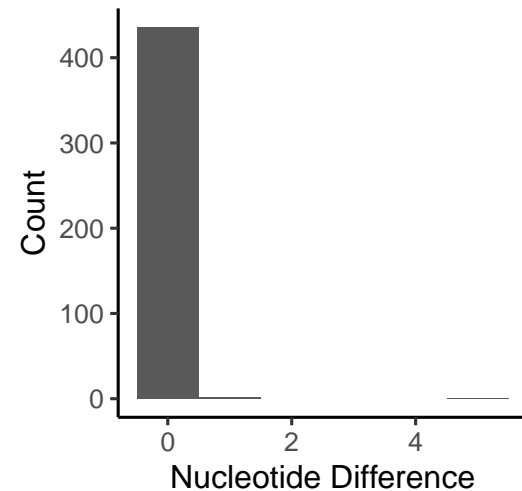
TRBV11-2*ap01

3967 sequences assigned
3936 (99.2%) exact matches, in which:
3889 unique CDR3
13 unique J



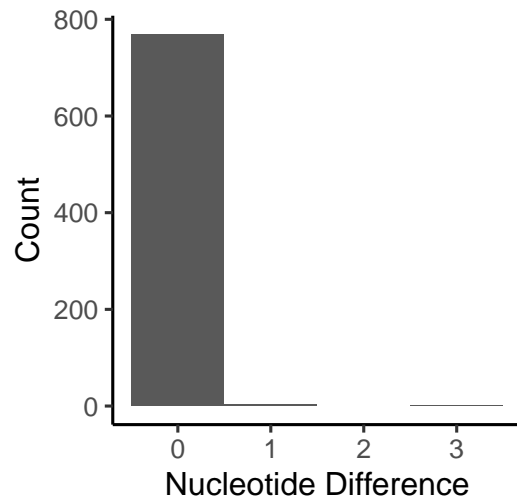
TRBV12-2*ap01

439 sequences assigned
436 (99.3%) exact matches, in which:
435 unique CDR3
13 unique J



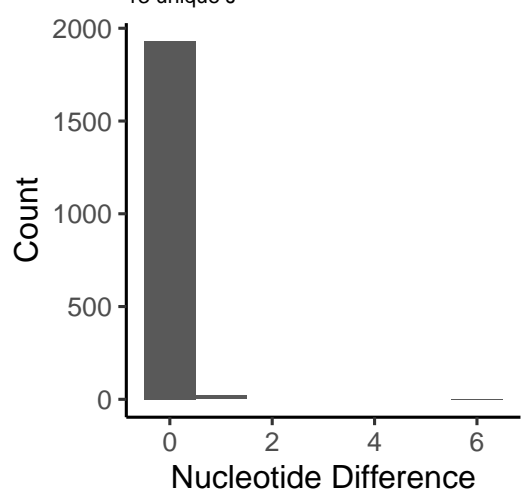
TRBV11-1*ap01

773 sequences assigned
769 (99.5%) exact matches, in which:
760 unique CDR3
13 unique J



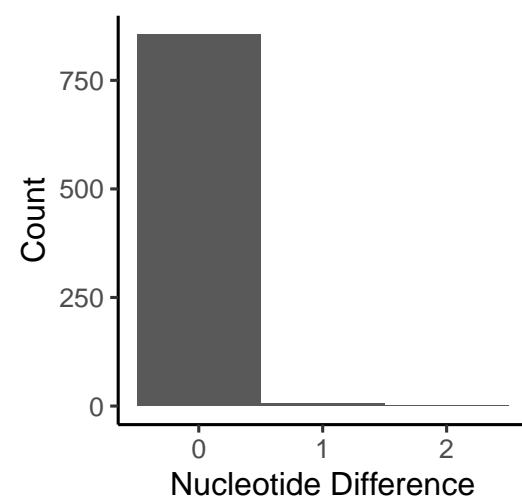
TRBV11-3*ap01

1953 sequences assigned
1931 (98.9%) exact matches, in which:
1907 unique CDR3
13 unique J



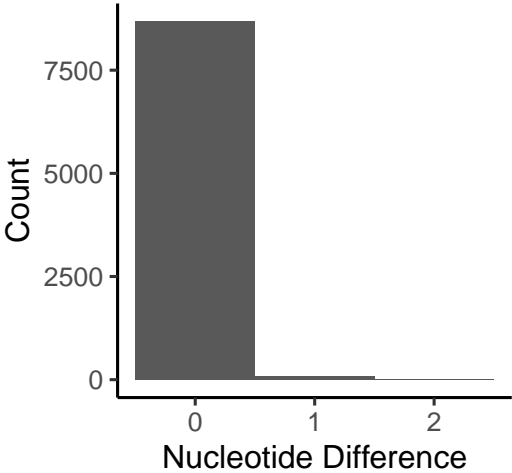
TRBV12-5*ap01

862 sequences assigned
856 (99.3%) exact matches, in which:
839 unique CDR3
13 unique J



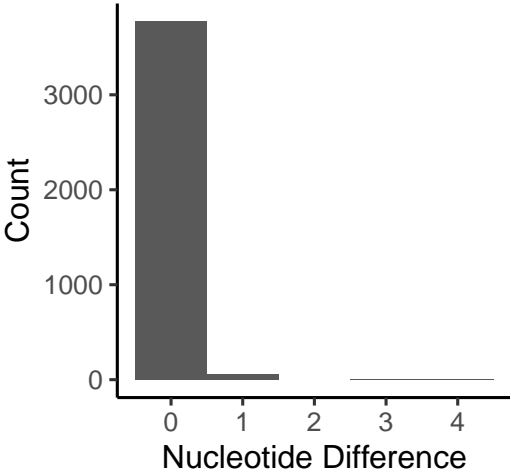
TRBV12-34*ap01

8761 sequences assigned
8682 (99.1%) exact matches, in which:
8513 unique CDR3
13 unique J



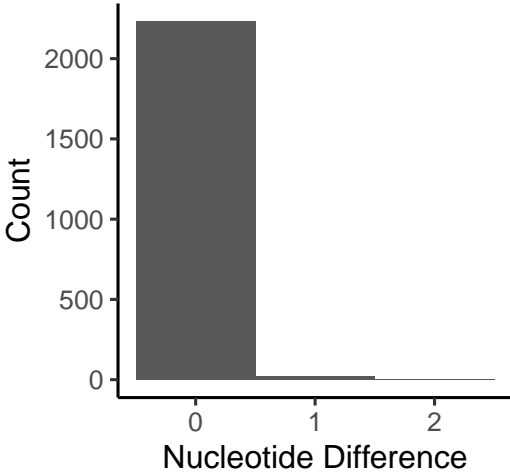
TRBV4-1*ap01

3833 sequences assigned
3773 (98.4%) exact matches, in which:
3684 unique CDR3
13 unique J



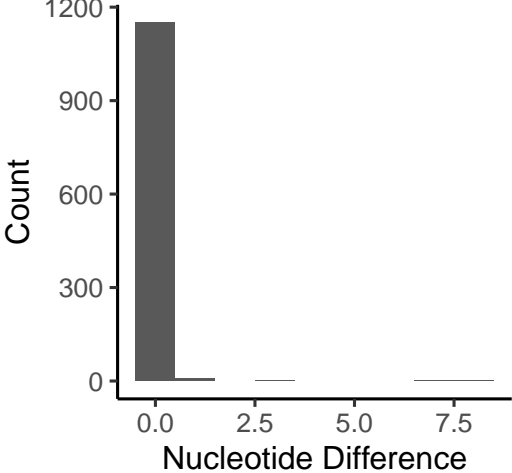
TRBV4-3*ap01

2256 sequences assigned
2232 (98.9%) exact matches, in which:
2191 unique CDR3
13 unique J



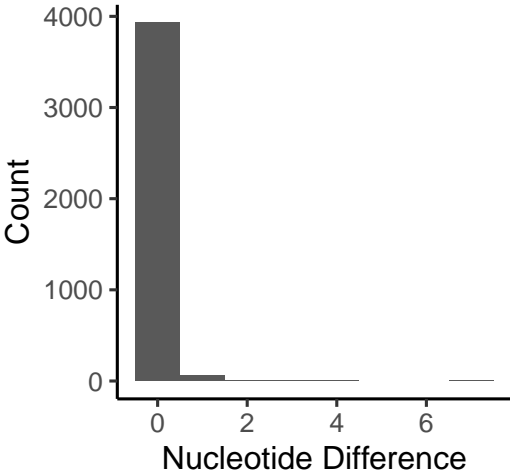
TRBV23-1*ap01

1162 sequences assigned
1150 (99%) exact matches, in which:
1139 unique CDR3
13 unique J



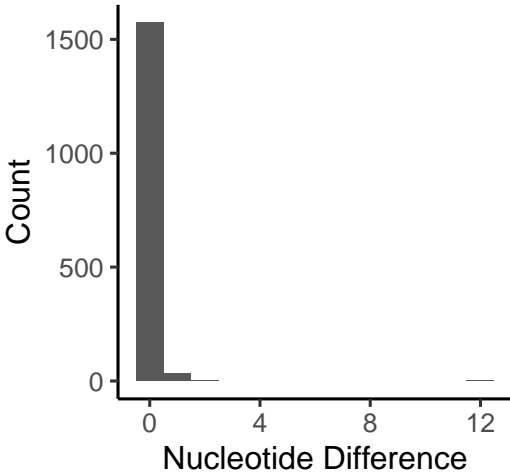
TRBV24-1*ap01

4000 sequences assigned
3930 (98.2%) exact matches, in which:
3859 unique CDR3
13 unique J



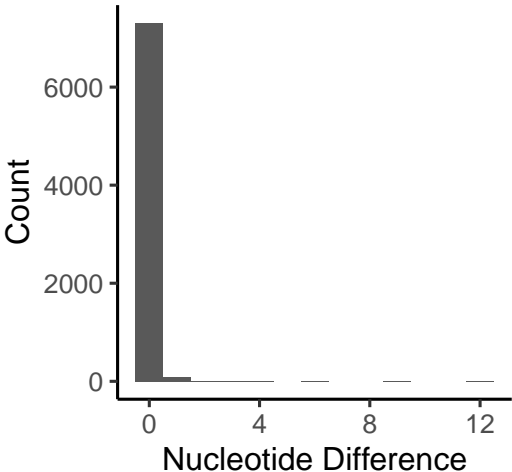
TRBV25-1*ap01

1607 sequences assigned
1573 (97.9%) exact matches, in which:
1536 unique CDR3
13 unique J



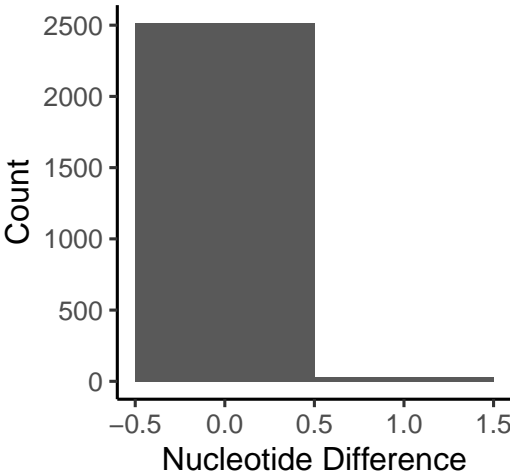
TRBV3-12*ap01

7399 sequences assigned
7306 (98.7%) exact matches, in which:
7157 unique CDR3
13 unique J



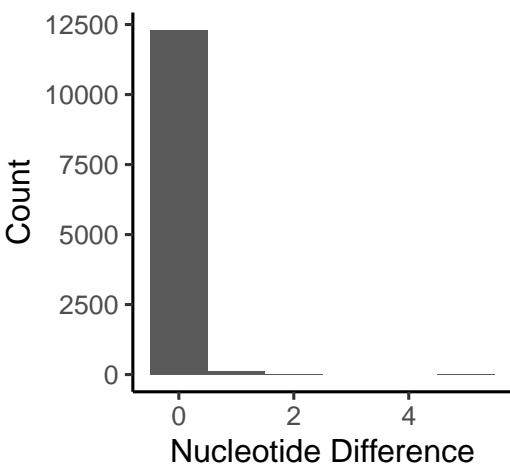
TRBV4-2*ap01

2546 sequences assigned
2515 (98.8%) exact matches, in which:
2468 unique CDR3
13 unique J



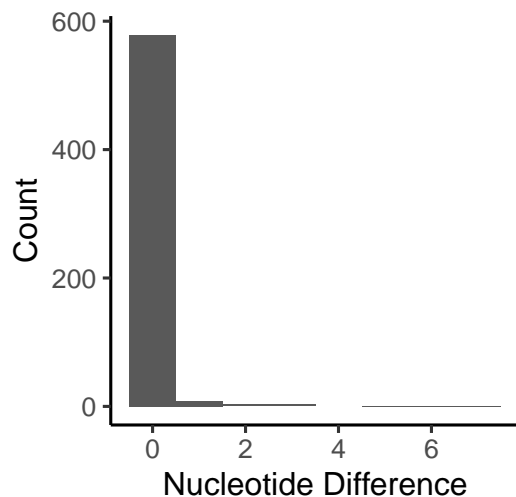
TRBV5-1*ap01

12442 sequences assigned
12313 (99%) exact matches, in which:
12020 unique CDR3
13 unique J



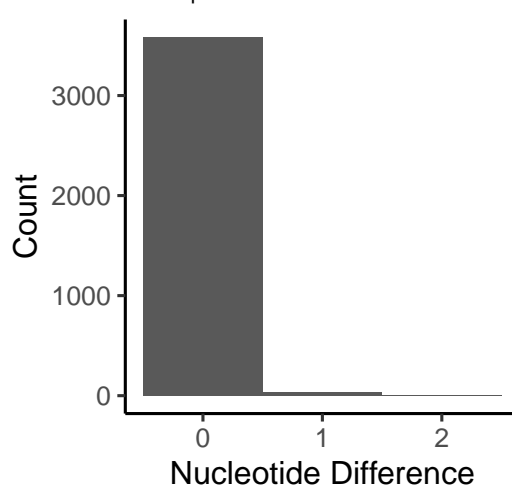
TRBV5-3*ap01

596 sequences assigned
579 (97.1%) exact matches, in which:
571 unique CDR3
13 unique J



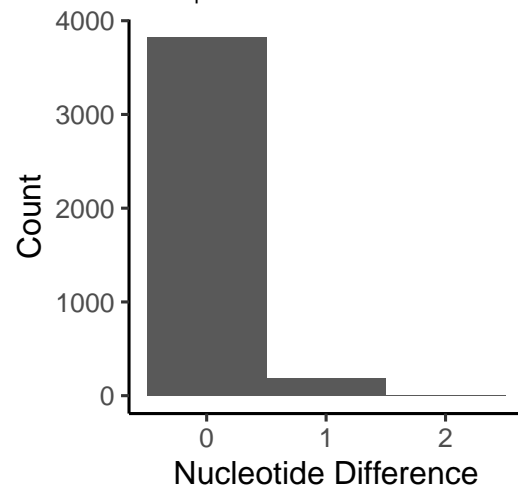
TRBV5-6*ap01

3622 sequences assigned
3581 (98.9%) exact matches, in which:
3461 unique CDR3
13 unique J



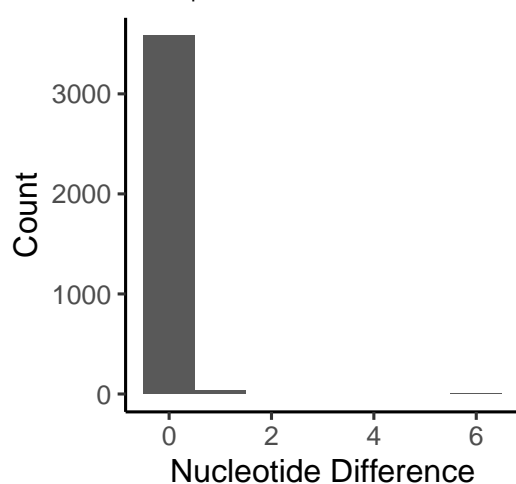
TRBV6-1*ap01

4012 sequences assigned
3822 (95.3%) exact matches, in which:
3711 unique CDR3
13 unique J



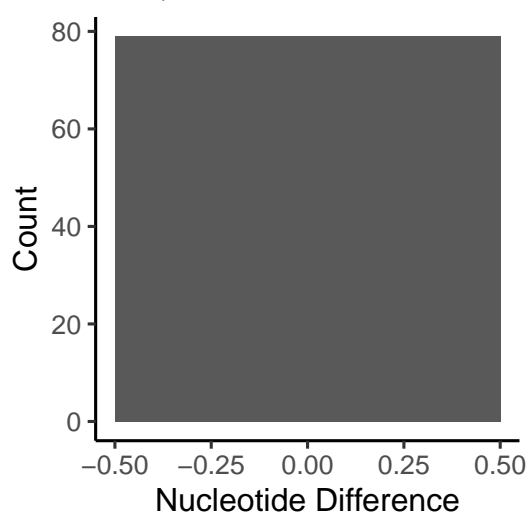
TRBV5-4*ap01

3616 sequences assigned
3581 (99%) exact matches, in which:
3498 unique CDR3
13 unique J



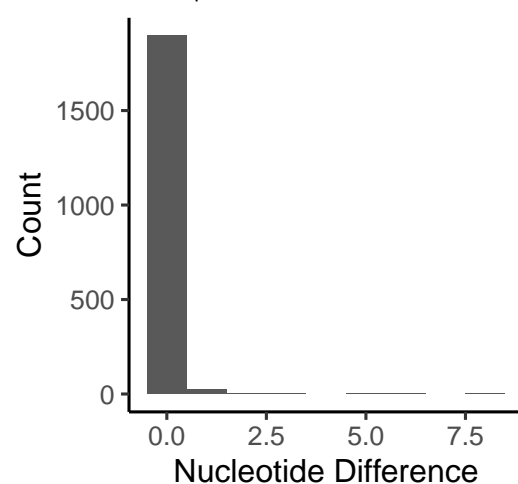
TRBV5-7*ap01

79 sequences assigned
79 (100%) exact matches, in which:
75 unique CDR3
12 unique J



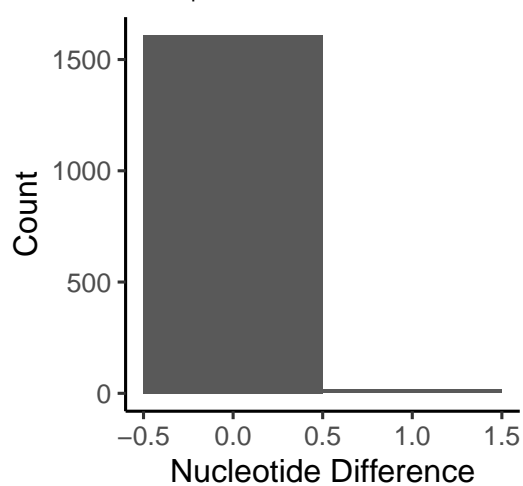
TRBV6-4*ap01

1930 sequences assigned
1896 (98.2%) exact matches, in which:
1866 unique CDR3
13 unique J



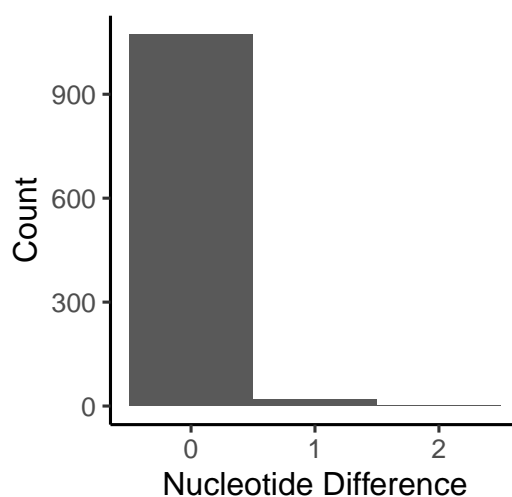
TRBV5-5*ap01

1627 sequences assigned
1610 (99%) exact matches, in which:
1591 unique CDR3
13 unique J



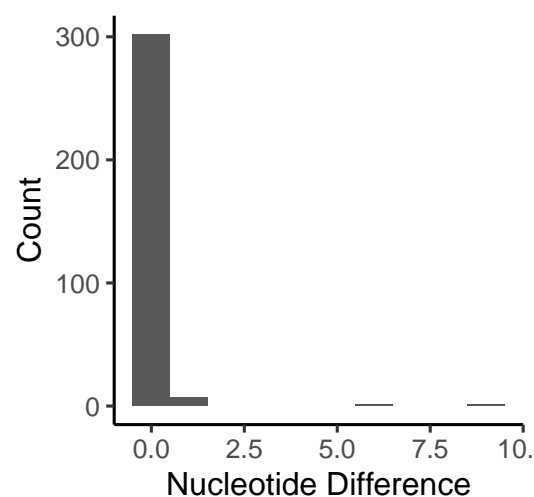
TRBV5-8*ap01

1094 sequences assigned
1073 (98.1%) exact matches, in which:
1053 unique CDR3
13 unique J



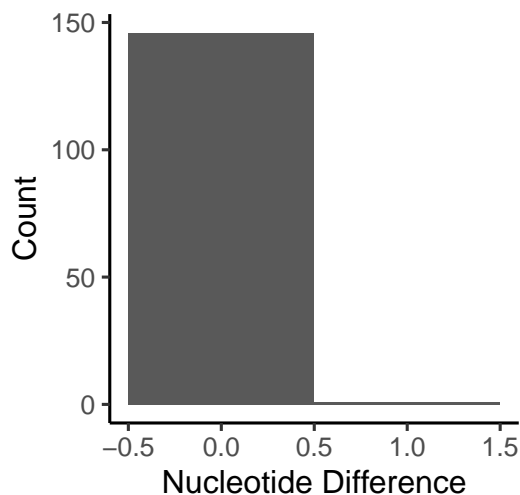
TRBV6-7*ap01

311 sequences assigned
302 (97.1%) exact matches, in which:
296 unique CDR3
13 unique J



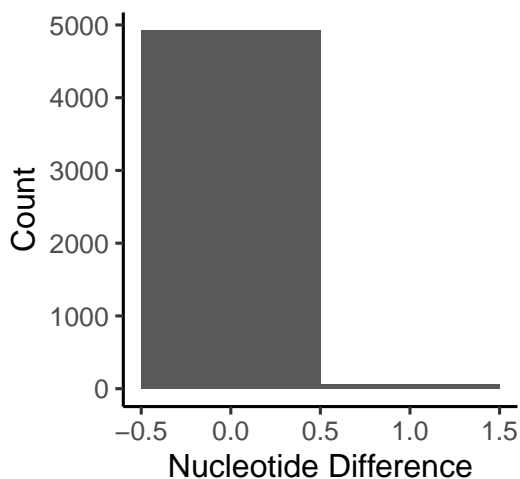
TRBV6–8*ap01

147 sequences assigned
146 (99.3%) exact matches, in which:
142 unique CDR3
13 unique J



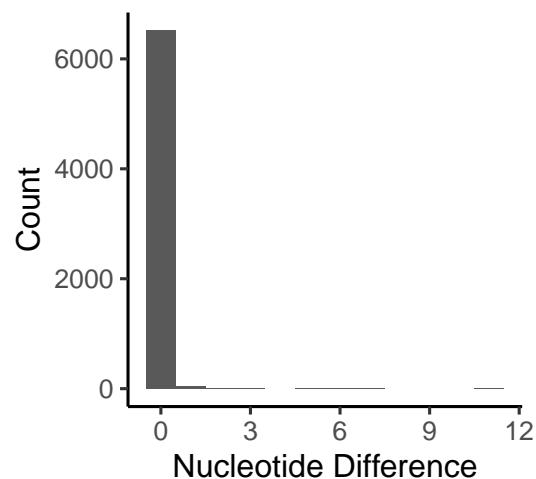
TRBV6–56*ap01

4981 sequences assigned
4925 (98.9%) exact matches, in which:
4818 unique CDR3
13 unique J



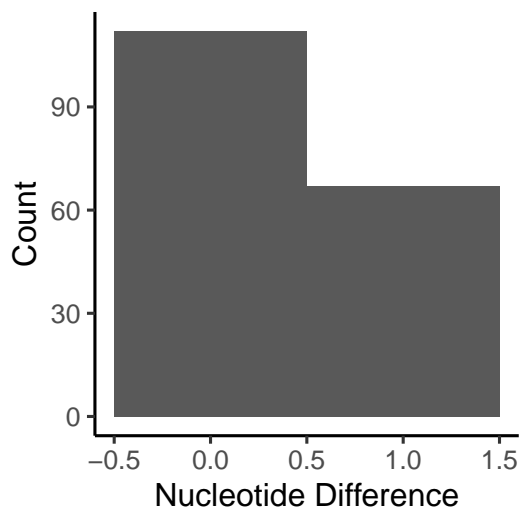
TRBV7–2*ap01

6568 sequences assigned
6518 (99.2%) exact matches, in which:
6415 unique CDR3
13 unique J



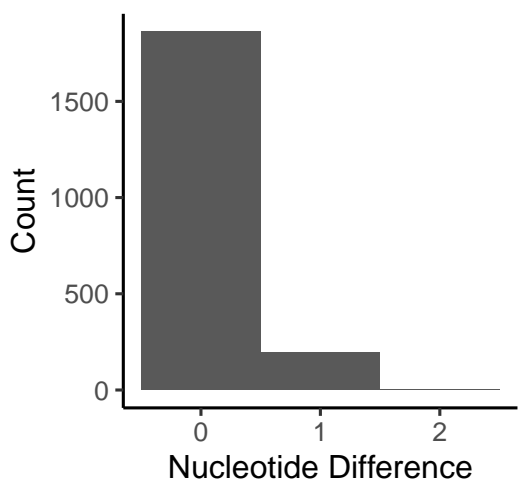
TRBV6–9*ap01

179 sequences assigned
112 (62.6%) exact matches, in which:
108 unique CDR3
12 unique J



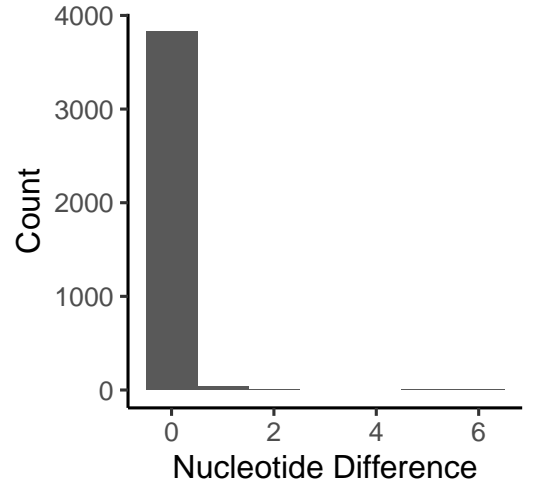
TRBV6–56*ap02

2058 sequences assigned
1862 (90.5%) exact matches, in which:
1810 unique CDR3
13 unique J



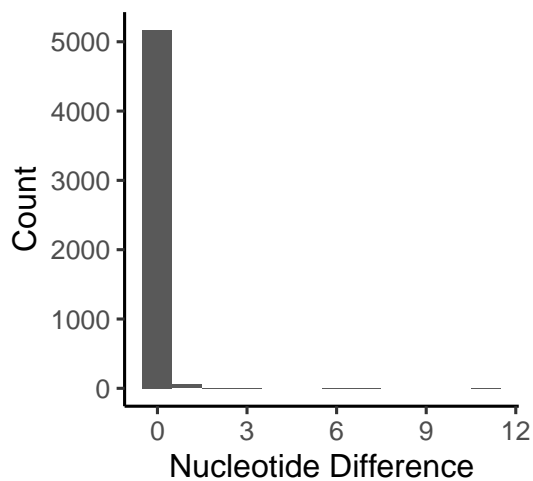
TRBV7–3*ap01

3865 sequences assigned
3826 (99%) exact matches, in which:
3781 unique CDR3
13 unique J



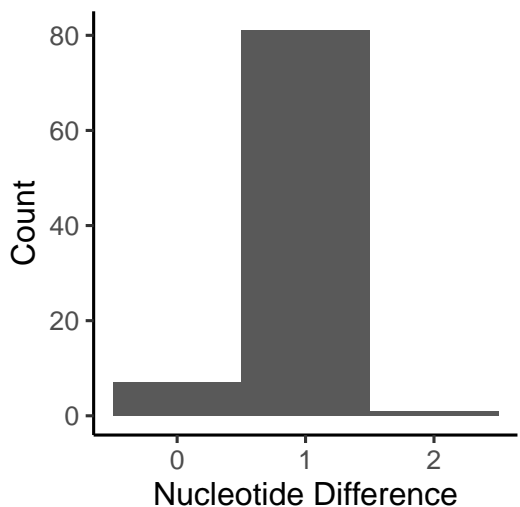
TRBV6–23*ap01

5233 sequences assigned
5169 (98.8%) exact matches, in which:
5018 unique CDR3
13 unique J



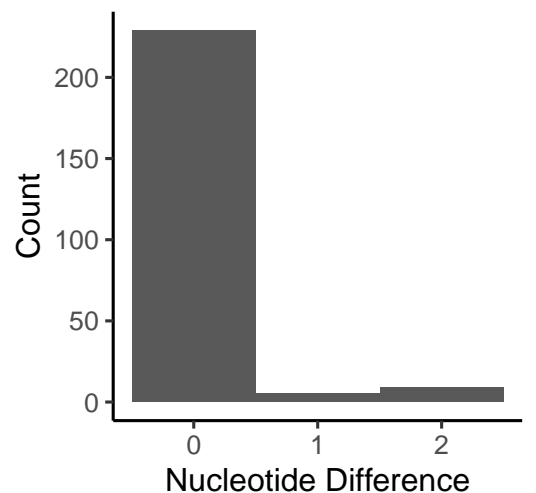
TRBV7–1*ap01_T296C

89 sequences assigned
7 (7.9%) exact matches, in which:
7 unique CDR3
4 unique J



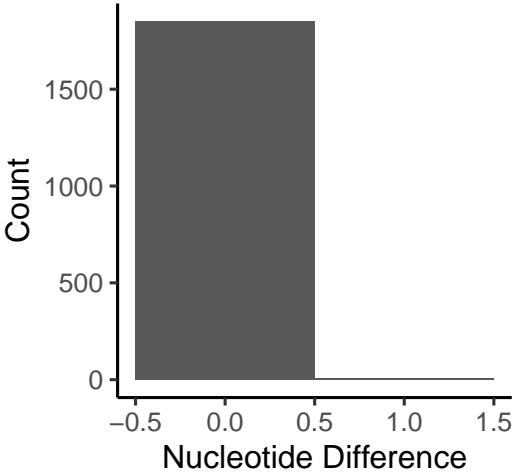
TRBV7–4*ap01

243 sequences assigned
229 (94.2%) exact matches, in which:
225 unique CDR3
13 unique J



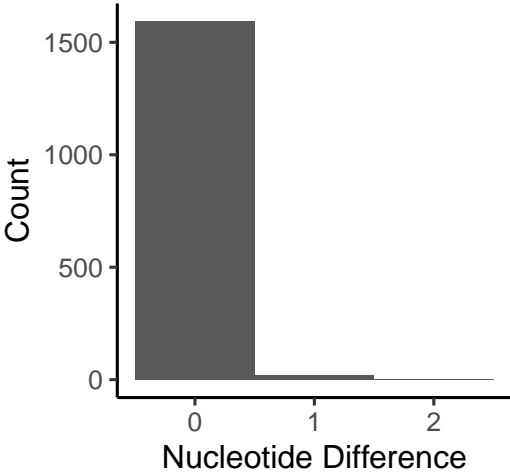
TRBV7-6*ap01

1859 sequences assigned
1850 (99.5%) exact matches, in which:
1811 unique CDR3
13 unique J



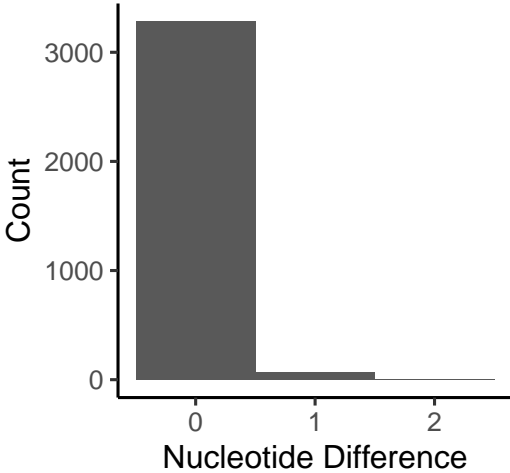
TRBV7-8*ap01

1614 sequences assigned
1593 (98.7%) exact matches, in which:
1562 unique CDR3
13 unique J



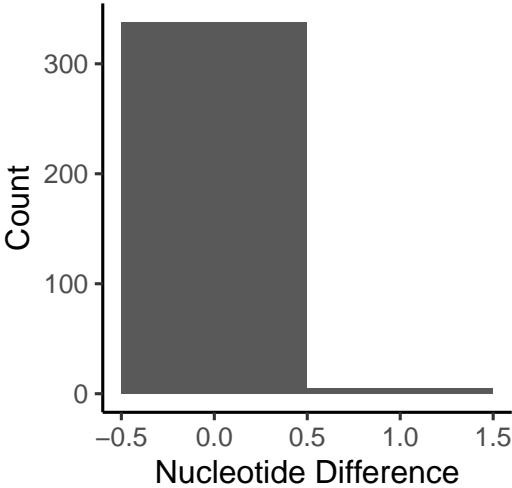
TRBV29-1*ap01

3351 sequences assigned
3283 (98%) exact matches, in which:
3213 unique CDR3
13 unique J



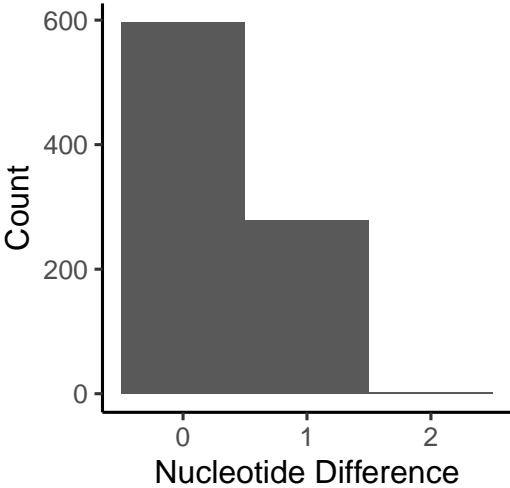
TRBV7-7*ap01

343 sequences assigned
338 (98.5%) exact matches, in which:
331 unique CDR3
13 unique J



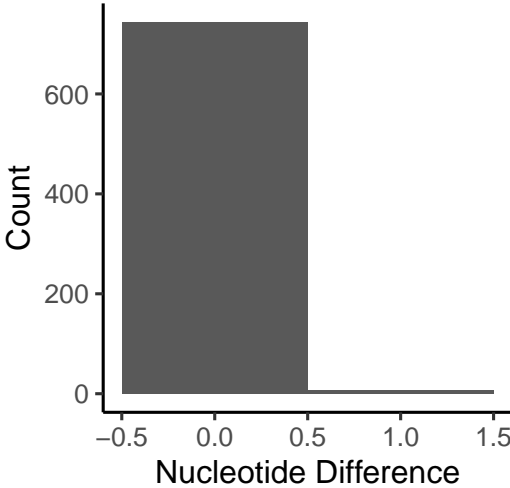
TRBV7-8*ap03

877 sequences assigned
597 (68.1%) exact matches, in which:
589 unique CDR3
13 unique J



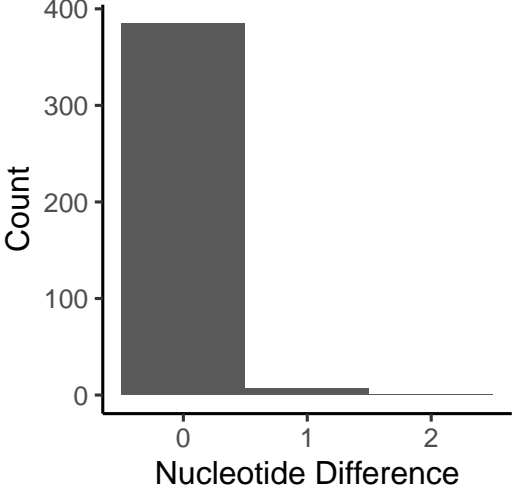
TRBV29-1*ap02

752 sequences assigned
744 (98.9%) exact matches, in which:
723 unique CDR3
13 unique J



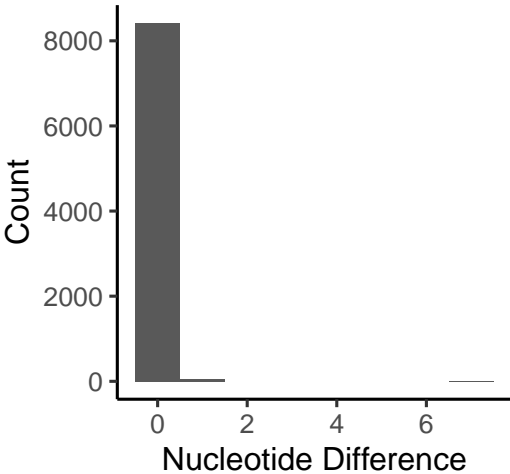
TRBV7-7*ap01_C315T

393 sequences assigned
385 (98%) exact matches, in which:
377 unique CDR3
13 unique J

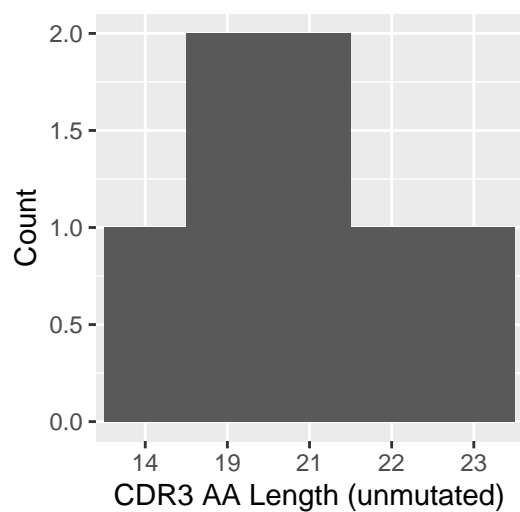


TRBV7-9*ap01

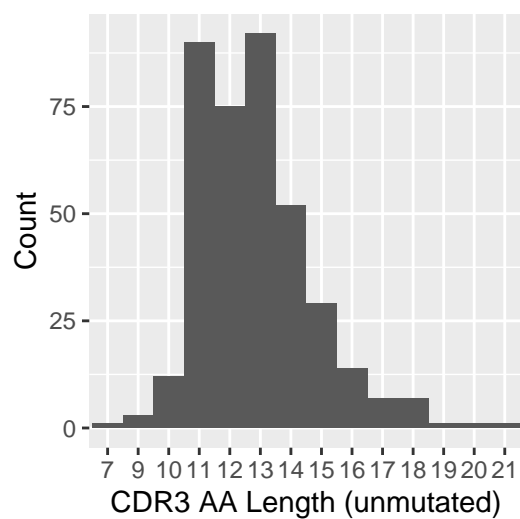
8474 sequences assigned
8417 (99.3%) exact matches, in which:
8297 unique CDR3
13 unique J



TRBV7-1*ap01_T296C



TRBV7-7*ap01_C315T





Warning – no inferred sequences found.