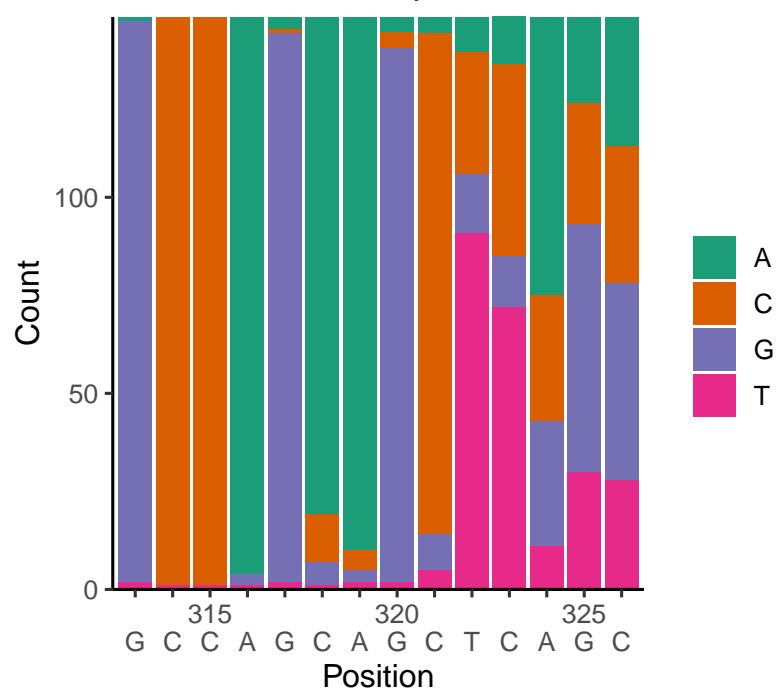
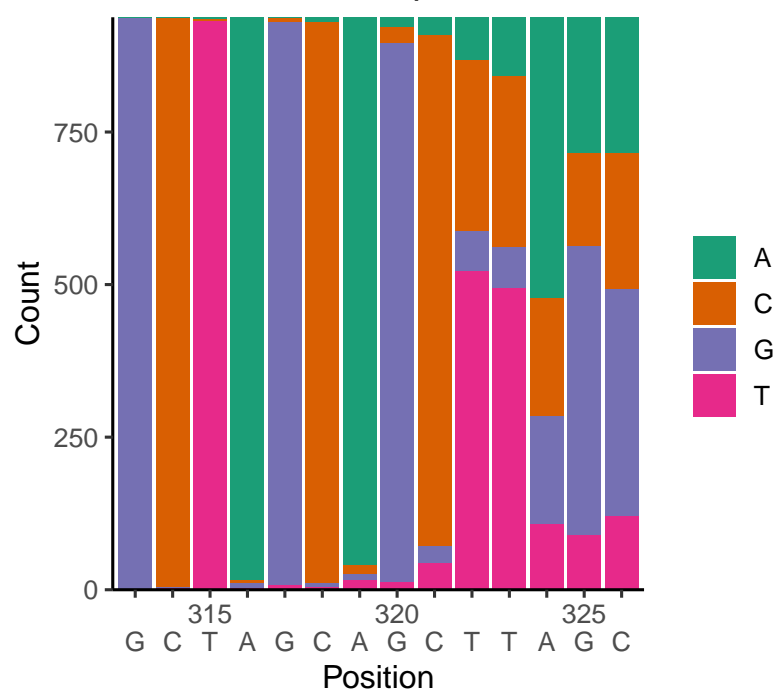


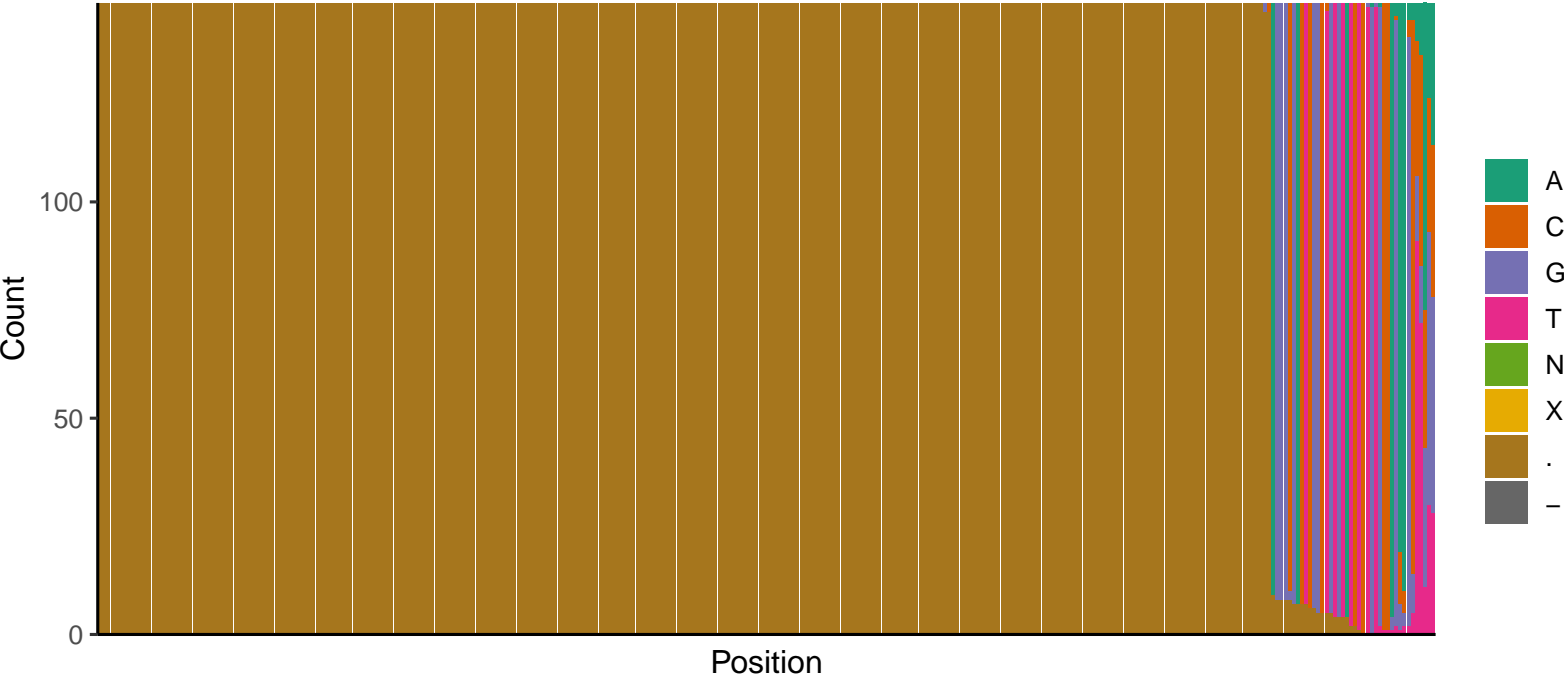
Gene TRBV7-1*ap01_G291C_T296C



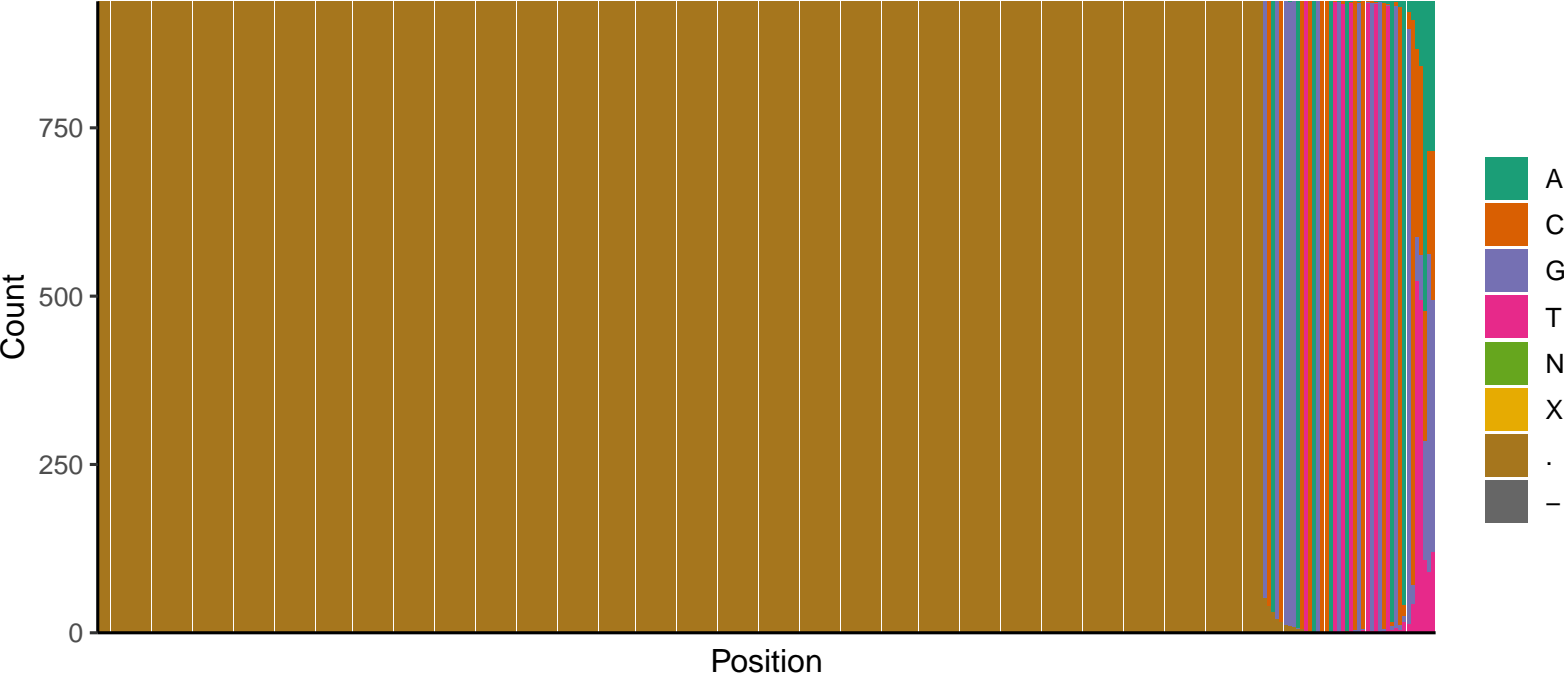
Gene TRBV7-7*ap01_C315T



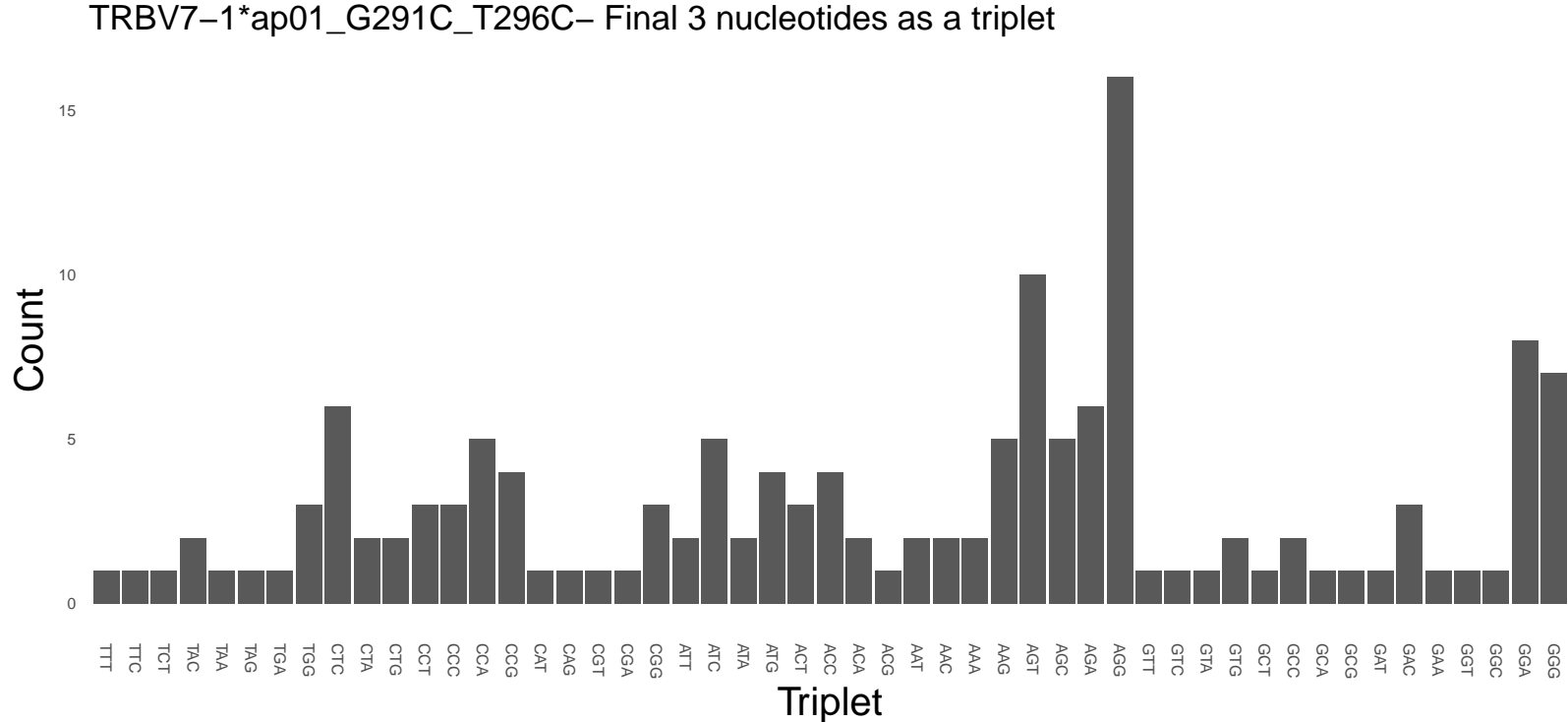
Gene TRBV7-1*ap01_G291C_T296C



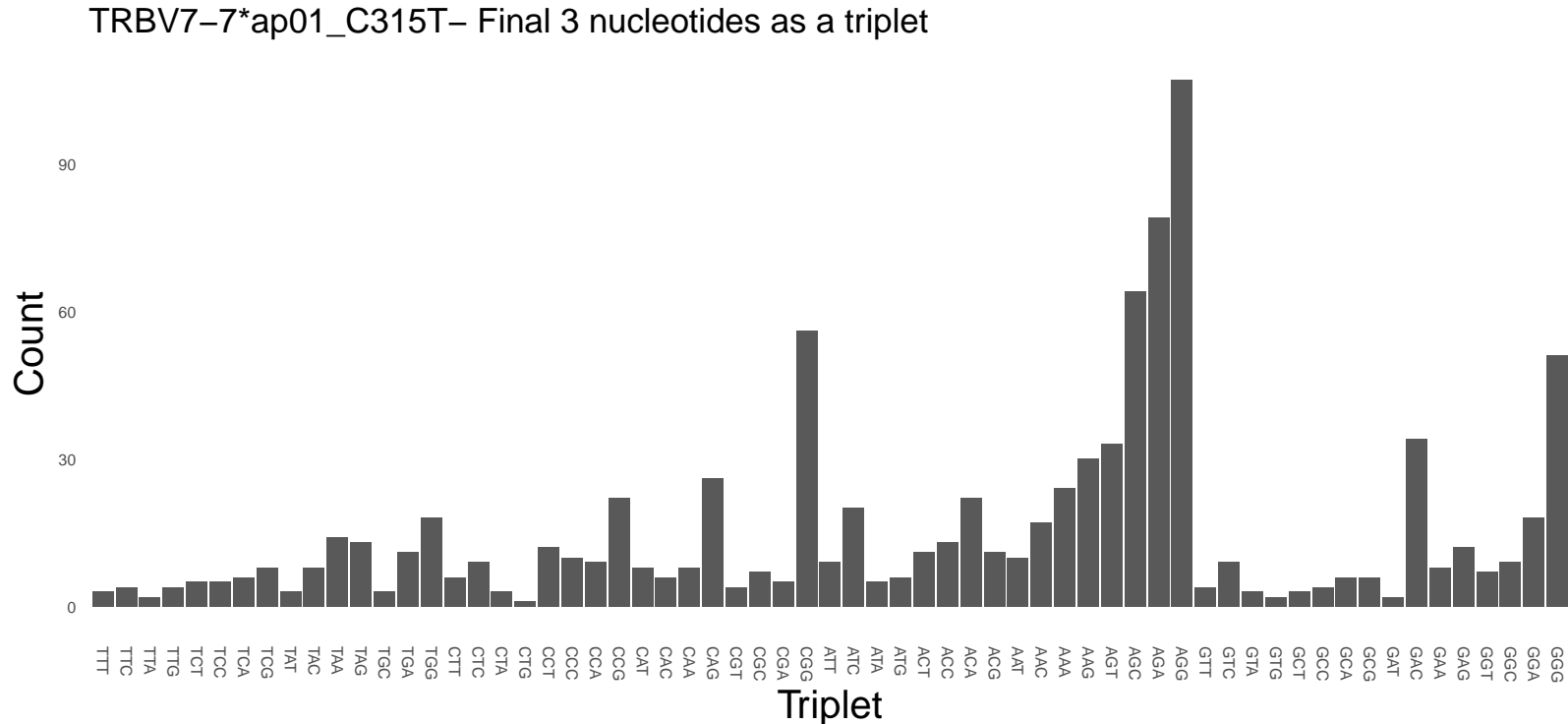
Gene TRBV7-7*ap01_C315T



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

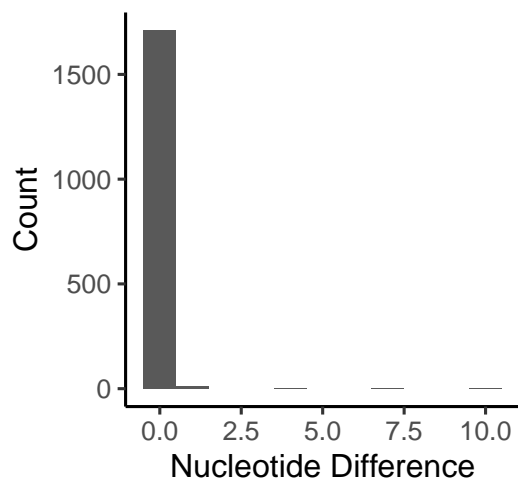


TRBV7-7*ap01_C315T- Final 3 nucleotides as a triplet



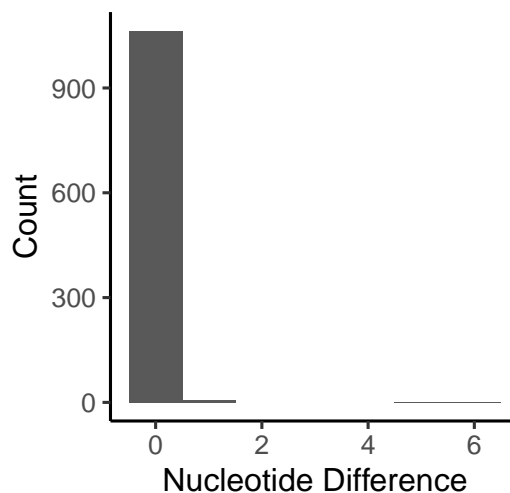
TRBV10-1*ap01

1727 sequences assigned
1710 (99%) exact matches, in which:
1682 unique CDR3
14 unique J



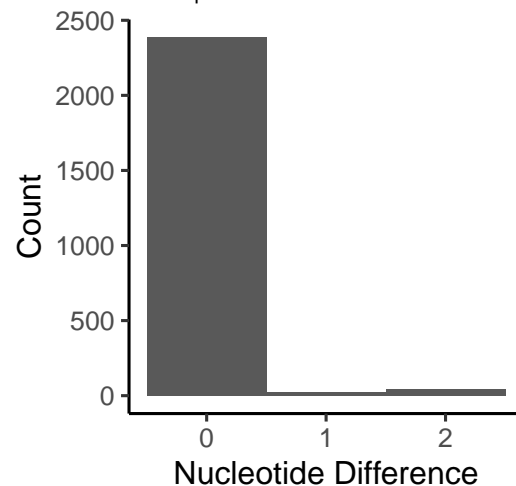
TRBV10-2*ap01

1072 sequences assigned
1064 (99.3%) exact matches, in which:
1053 unique CDR3
14 unique J



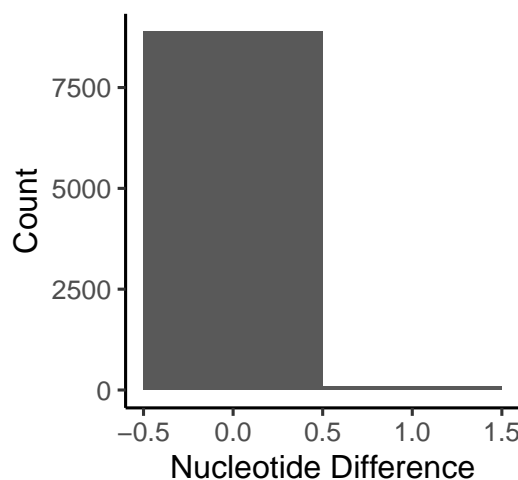
TRBV13*ap01

2452 sequences assigned
2386 (97.3%) exact matches, in which:
2336 unique CDR3
14 unique J



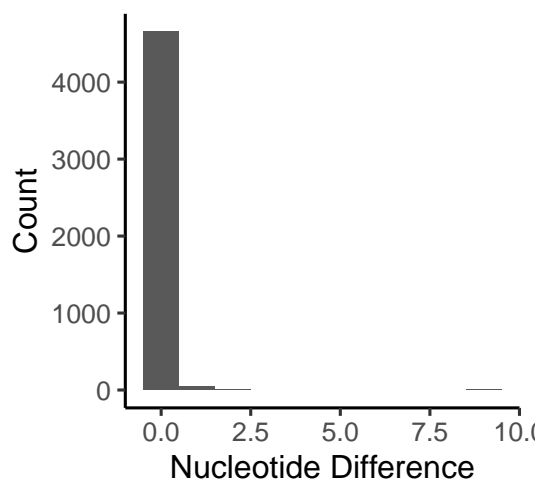
TRBV20-1*ap01

8967 sequences assigned
8884 (99.1%) exact matches, in which:
8821 unique CDR3
14 unique J



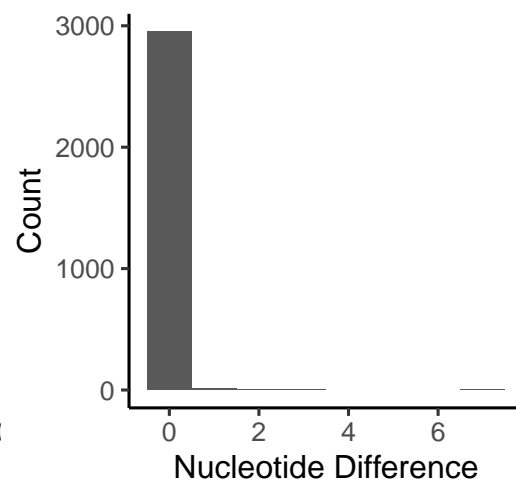
TRBV10-3*ap01

4699 sequences assigned
4655 (99.1%) exact matches, in which:
4619 unique CDR3
14 unique J



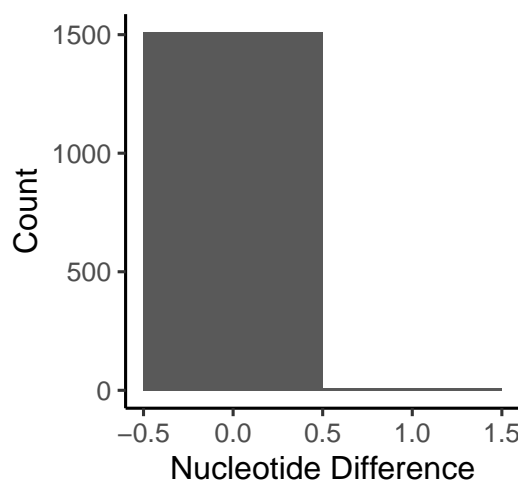
TRBV14*ap01

2967 sequences assigned
2951 (99.5%) exact matches, in which:
2936 unique CDR3
14 unique J



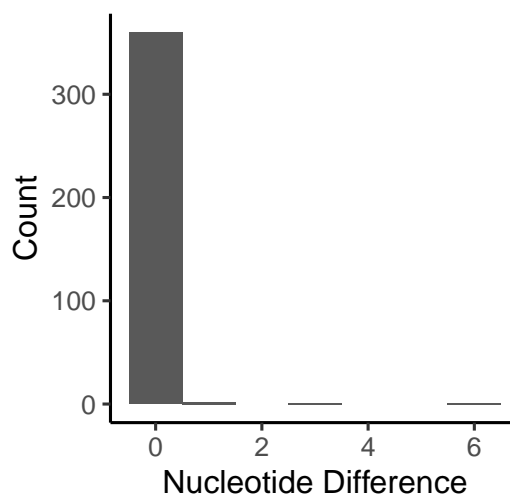
TRBV20-1*ap02

1522 sequences assigned
1511 (99.3%) exact matches, in which:
1501 unique CDR3
14 unique J



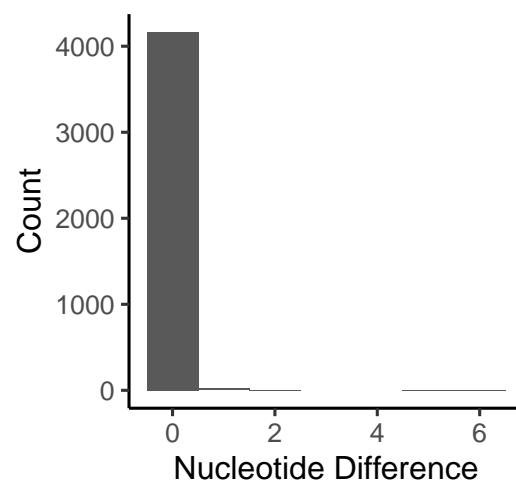
TRBV1*ap01

364 sequences assigned
360 (98.9%) exact matches, in which:
356 unique CDR3
14 unique J



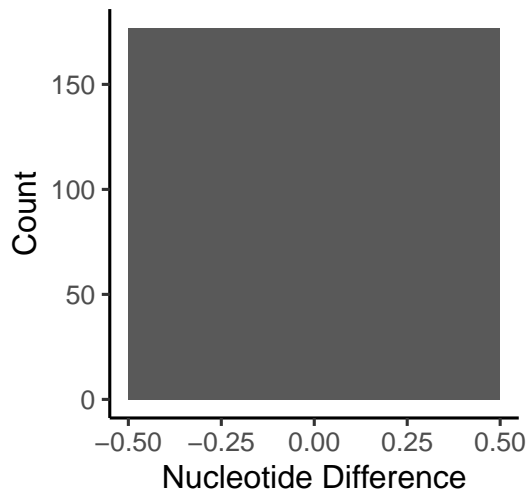
TRBV15*ap02

4192 sequences assigned
4165 (99.4%) exact matches, in which:
4119 unique CDR3
14 unique J



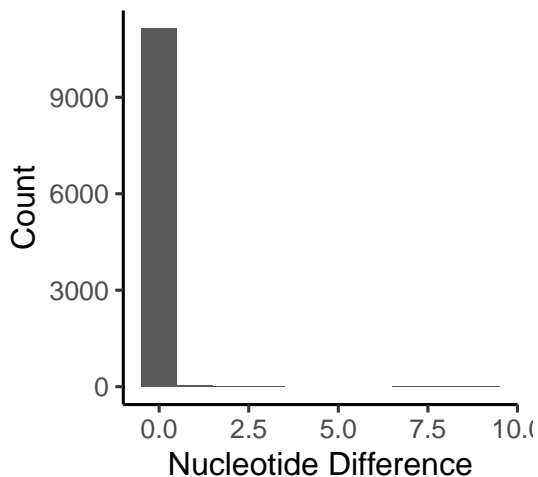
TRBV16*ap01

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



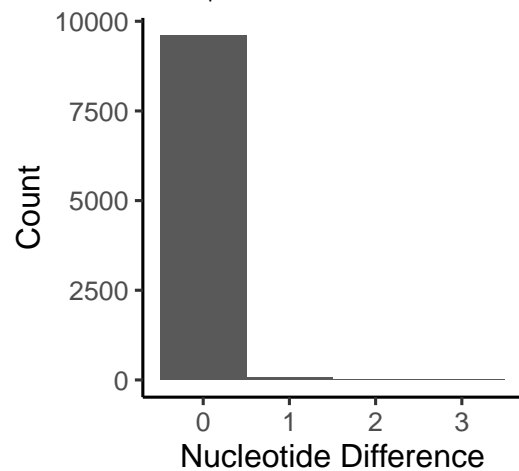
TRBV19*ap01

11209 sequences assigned
11142 (99.4%) exact matches, in which:
11115 unique CDR3
14 unique J



TRBV28*ap01

9683 sequences assigned
9613 (99.3%) exact matches, in which:
9573 unique CDR3
14 unique J



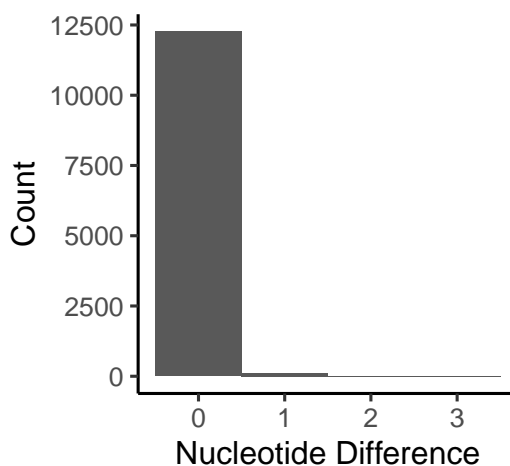
TRBV17*ap01

2 sequences assigned
No exact matches.



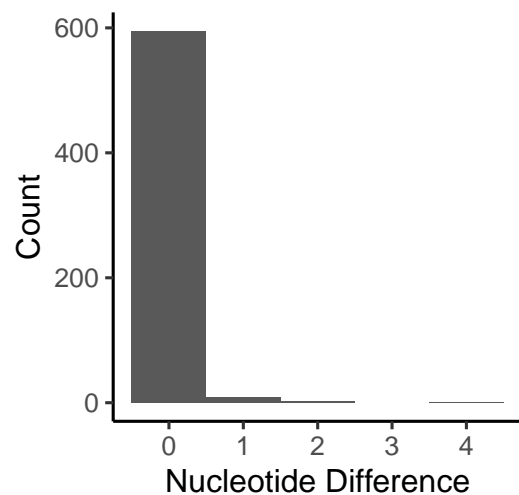
TRBV2*ap01

12393 sequences assigned
12269 (99%) exact matches, in which:
12135 unique CDR3
14 unique J



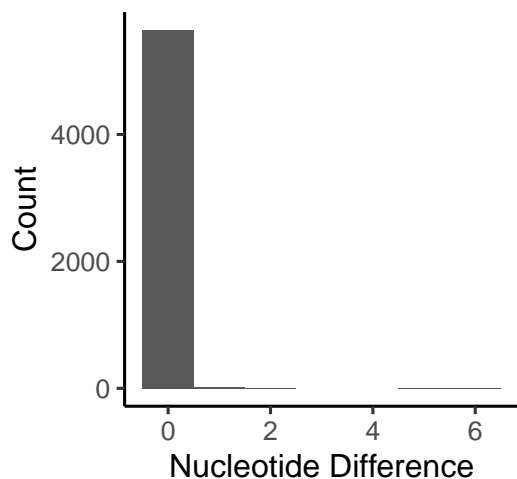
TRBV30*ap02

607 sequences assigned
595 (98%) exact matches, in which:
589 unique CDR3
14 unique J



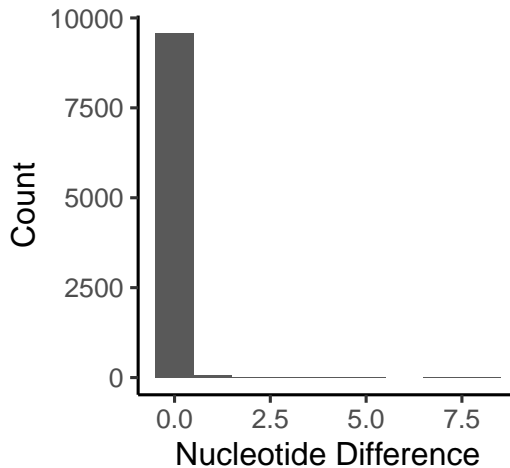
TRBV18*ap01

5671 sequences assigned
5645 (99.5%) exact matches, in which:
5626 unique CDR3
14 unique J



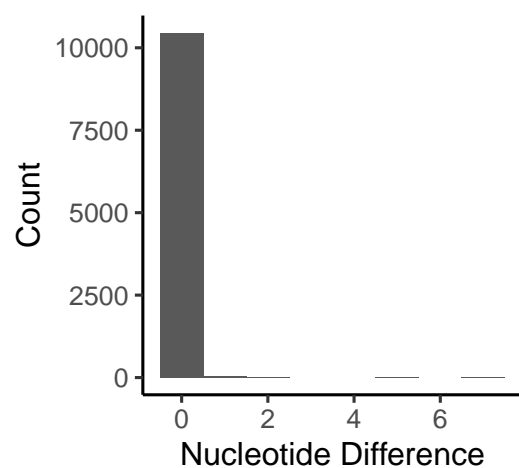
TRBV27*ap01

9680 sequences assigned
9587 (99%) exact matches, in which:
9484 unique CDR3
14 unique J



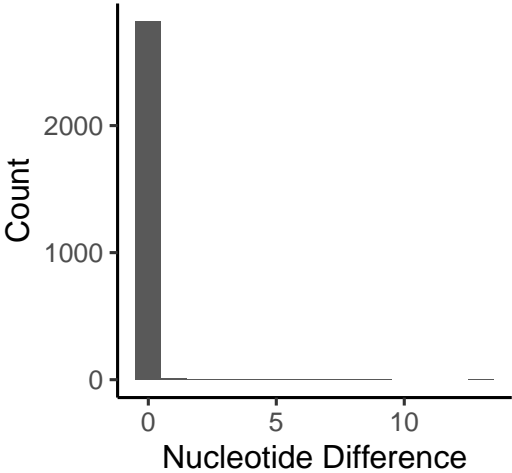
TRBV9*ap01

10521 sequences assigned
10455 (99.4%) exact matches, in which:
10381 unique CDR3
14 unique J



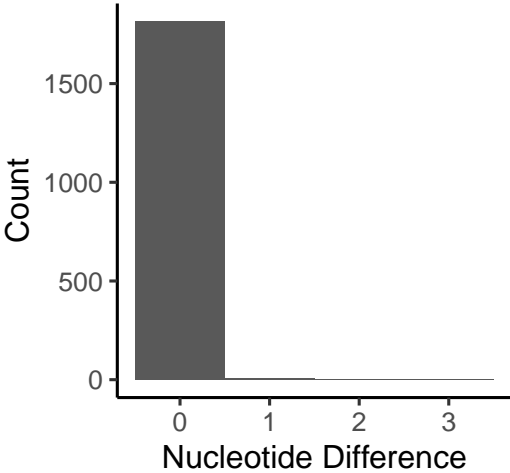
TRBV21-1*ap01

2848 sequences assigned
2820 (99%) exact matches, in which:
2807 unique CDR3
14 unique J



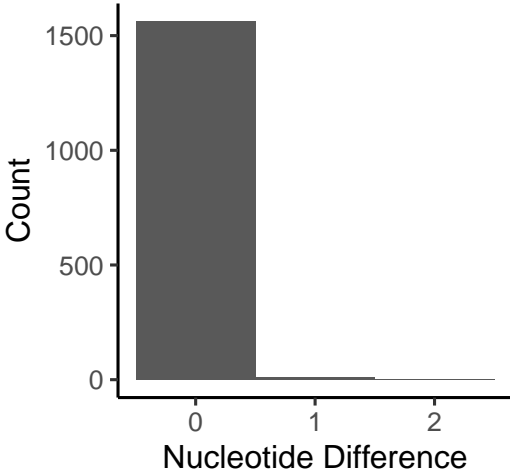
TRBV11-3*ap01

1826 sequences assigned
1815 (99.4%) exact matches, in which:
1811 unique CDR3
14 unique J



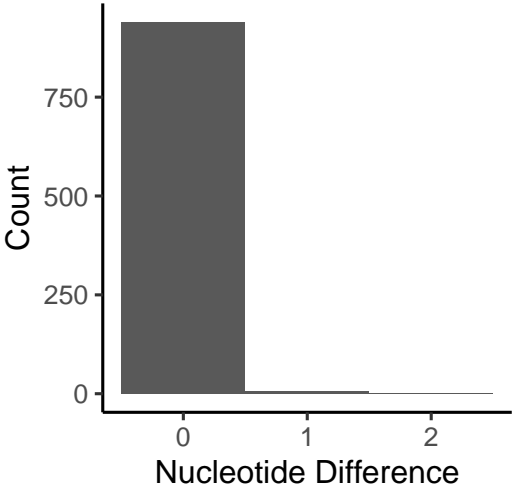
TRBV12-5*ap01

1573 sequences assigned
1562 (99.3%) exact matches, in which:
1544 unique CDR3
14 unique J



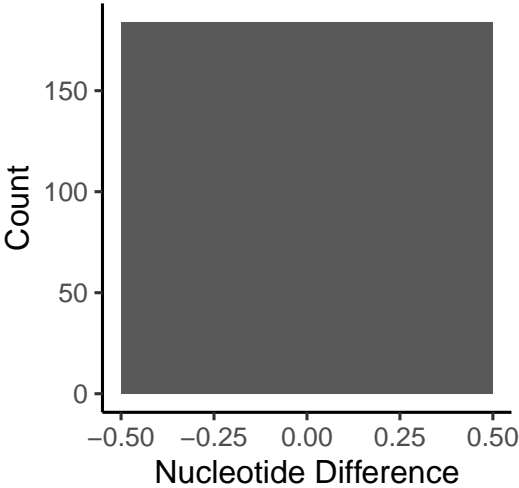
TRBV11-1*ap01

947 sequences assigned
940 (99.3%) exact matches, in which:
938 unique CDR3
14 unique J



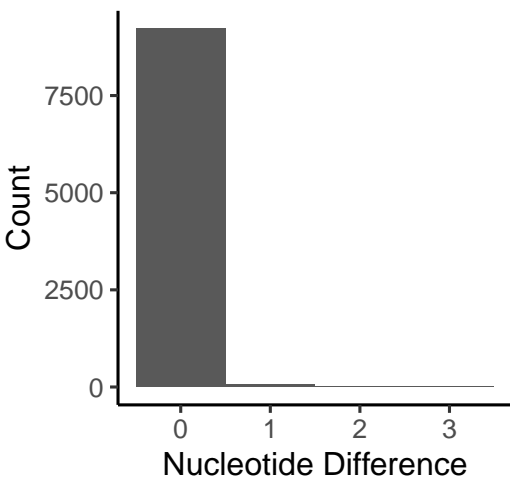
TRBV12-1*ap01

184 sequences assigned
184 (100%) exact matches, in which:
184 unique CDR3
14 unique J



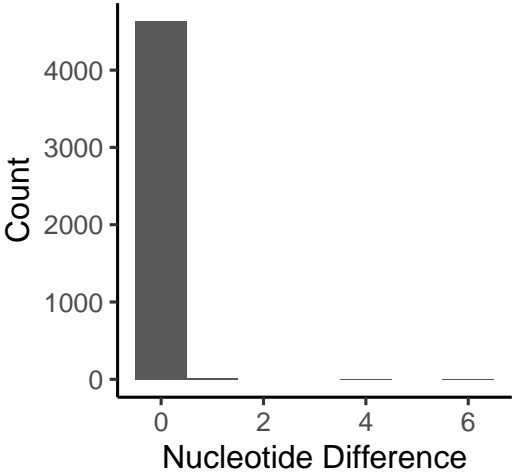
TRBV12-34*ap01

9297 sequences assigned
9220 (99.2%) exact matches, in which:
9123 unique CDR3
14 unique J



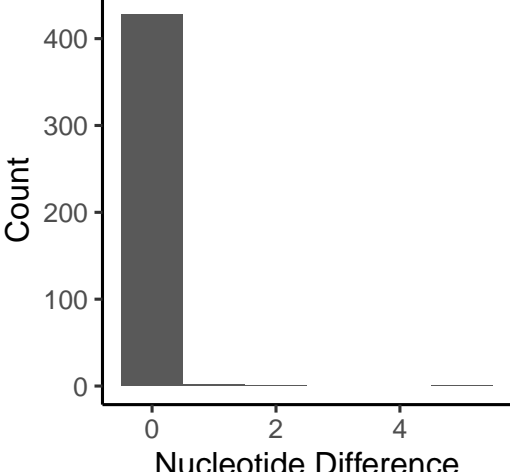
TRBV11-2*ap01

4658 sequences assigned
4635 (99.5%) exact matches, in which:
4610 unique CDR3
14 unique J



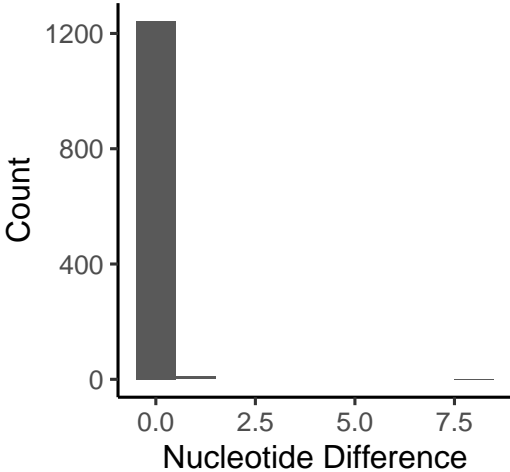
TRBV12-2*ap01

432 sequences assigned
428 (99.1%) exact matches, in which:
424 unique CDR3
14 unique J



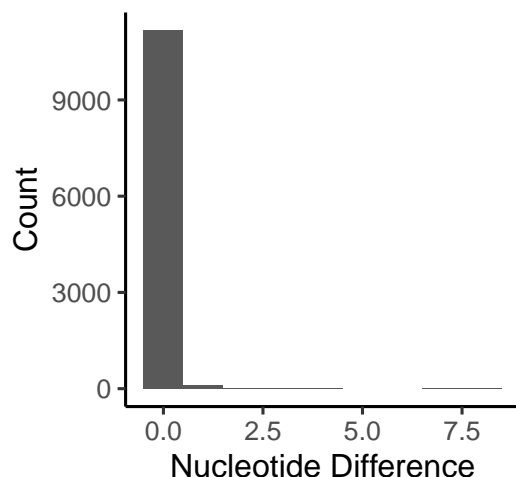
TRBV23-1*ap01

1254 sequences assigned
1243 (99.1%) exact matches, in which:
1230 unique CDR3
14 unique J



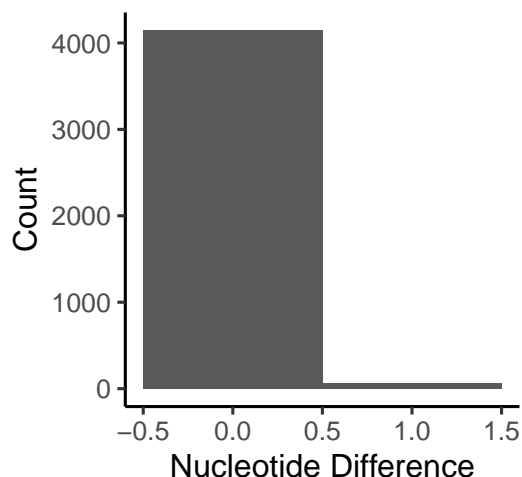
TRBV3–12*ap01

11275 sequences assigned
11167 (99%) exact matches, in which:
11073 unique CDR3
14 unique J



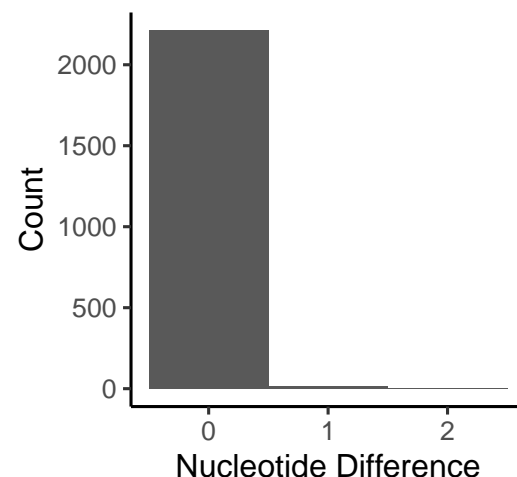
TRBV4–2*ap01

4204 sequences assigned
4145 (98.6%) exact matches, in which:
4109 unique CDR3
14 unique J



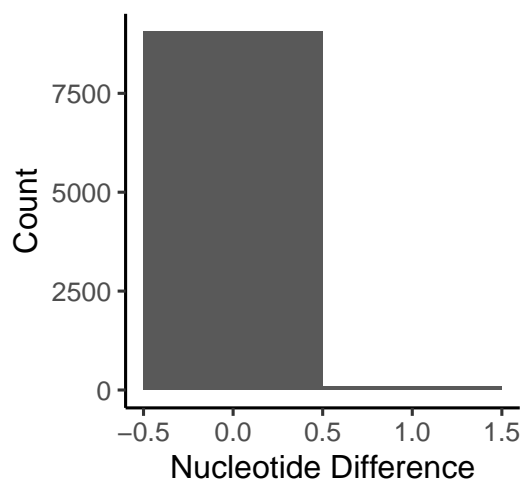
TRBV25–1*ap01

2230 sequences assigned
2212 (99.2%) exact matches, in which:
2182 unique CDR3
14 unique J



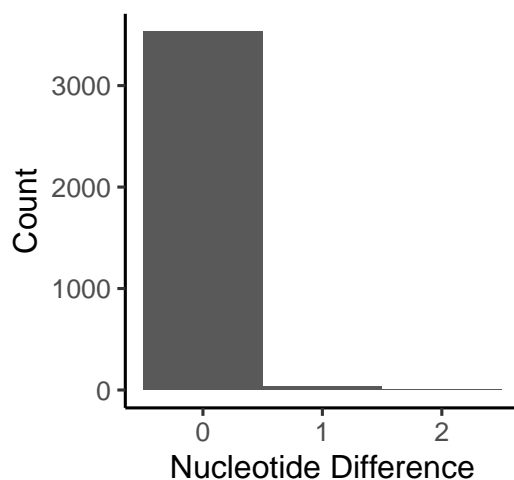
TRBV4–1*ap01

9149 sequences assigned
9057 (99%) exact matches, in which:
8952 unique CDR3
14 unique J



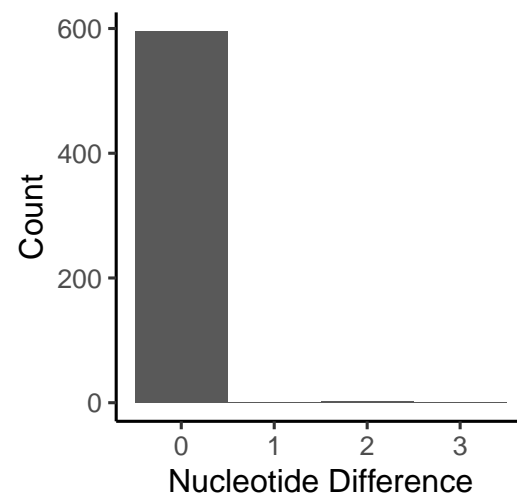
TRBV4–3*ap01

3563 sequences assigned
3531 (99.1%) exact matches, in which:
3507 unique CDR3
14 unique J



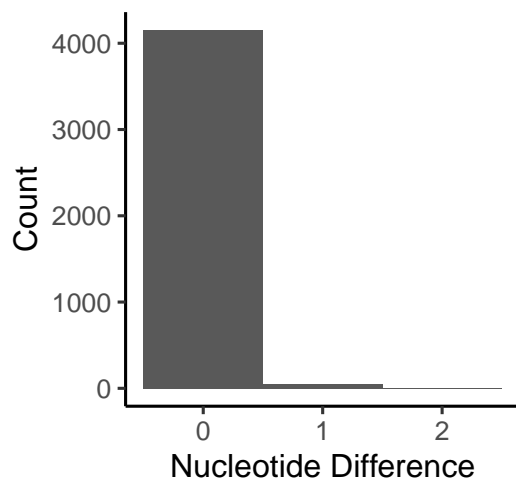
TRBV5–3*ap01

601 sequences assigned
596 (99.2%) exact matches, in which:
592 unique CDR3
14 unique J



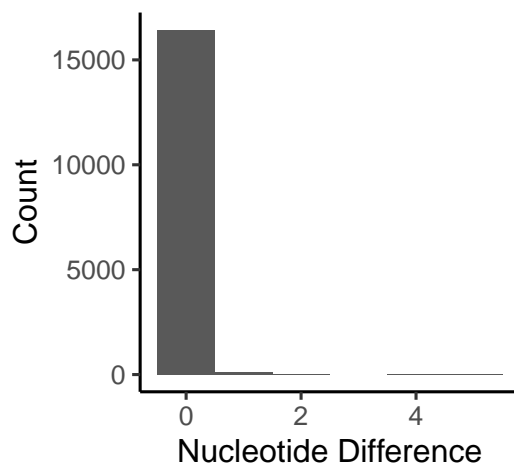
TRBV24–1*ap01

4204 sequences assigned
4153 (98.8%) exact matches, in which:
4118 unique CDR3
14 unique J



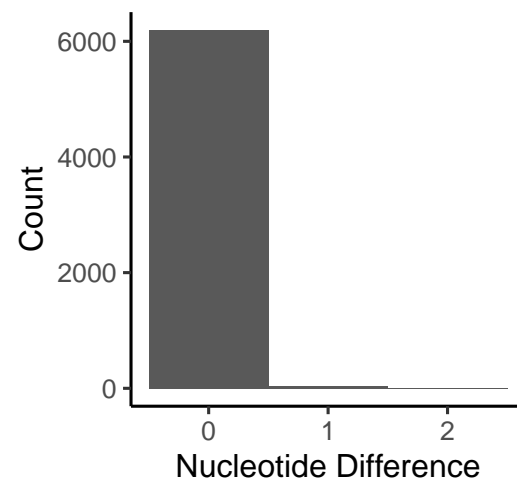
TRBV5–1*ap01

16576 sequences assigned
16434 (99.1%) exact matches, in which:
16220 unique CDR3
14 unique J



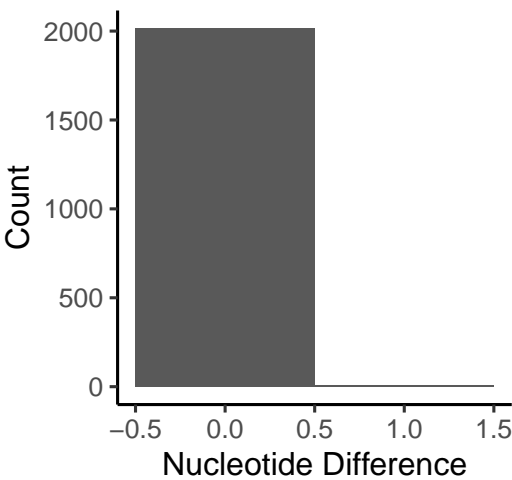
TRBV5–4*ap01

6240 sequences assigned
6195 (99.3%) exact matches, in which:
6147 unique CDR3
14 unique J



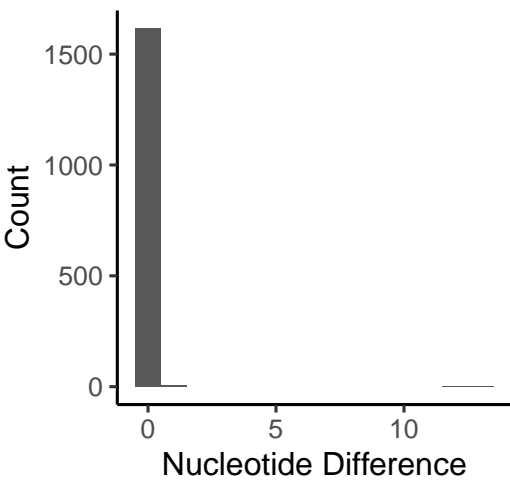
TRBV5-5*ap01

2023 sequences assigned
2015 (99.6%) exact matches, in which:
2010 unique CDR3
14 unique J



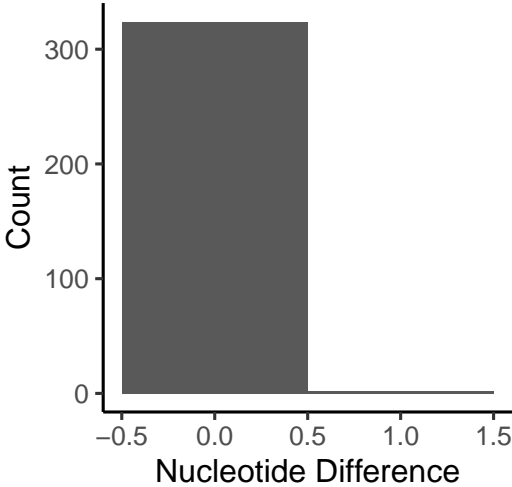
TRBV5-8*ap01

1625 sequences assigned
1616 (99.4%) exact matches, in which:
1604 unique CDR3
14 unique J



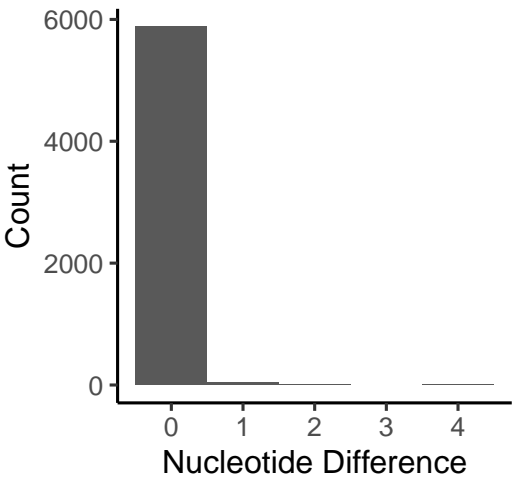
TRBV6-7*ap01

326 sequences assigned
324 (99.4%) exact matches, in which:
324 unique CDR3
14 unique J



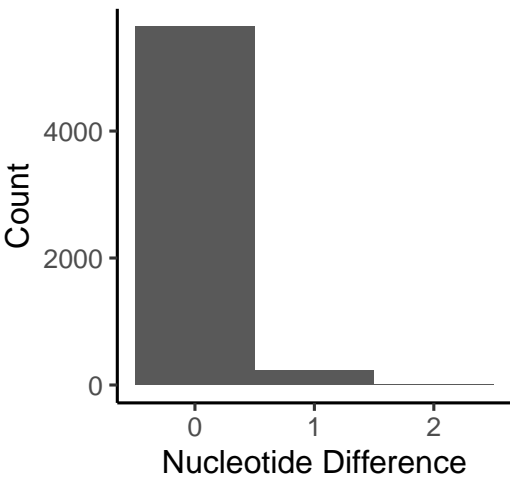
TRBV5-6*ap01

5927 sequences assigned
5880 (99.2%) exact matches, in which:
5777 unique CDR3
14 unique J



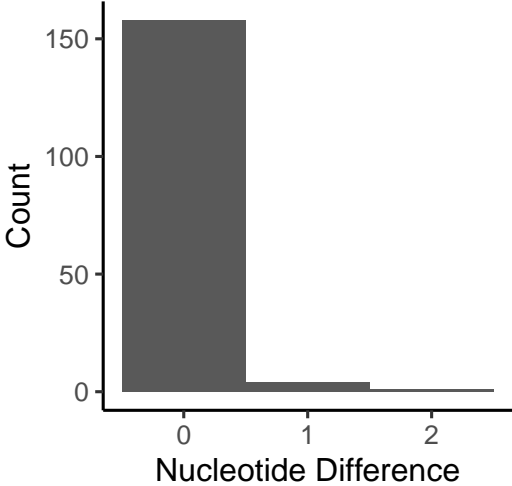
TRBV6-1*ap01

5874 sequences assigned
5643 (96.1%) exact matches, in which:
5555 unique CDR3
14 unique J



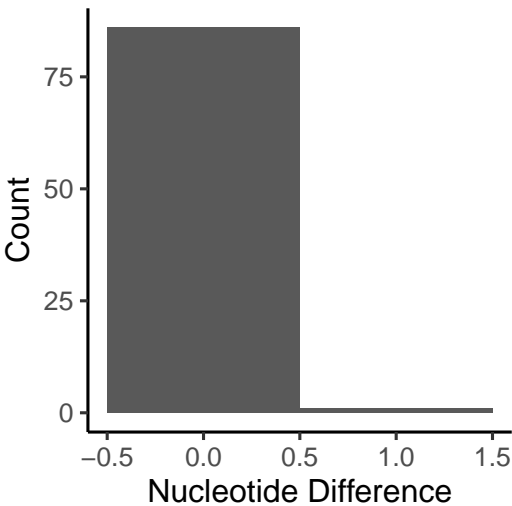
TRBV6-8*ap01

163 sequences assigned
158 (96.9%) exact matches, in which:
152 unique CDR3
14 unique J



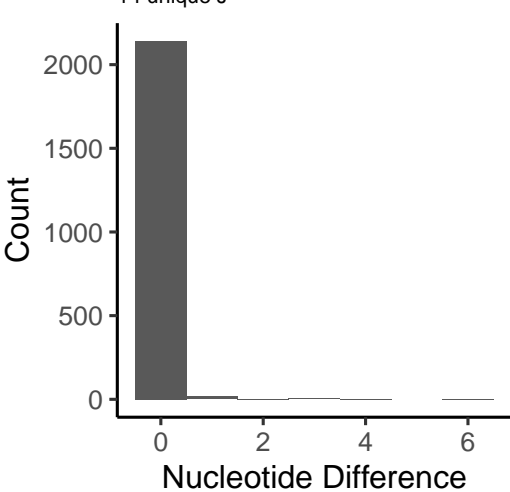
TRBV5-7*ap01

87 sequences assigned
86 (98.9%) exact matches, in which:
86 unique CDR3
13 unique J



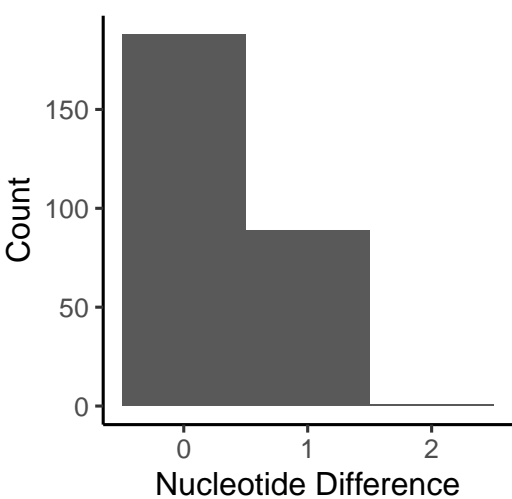
TRBV6-4*ap01

2166 sequences assigned
2141 (98.8%) exact matches, in which:
2125 unique CDR3
14 unique J



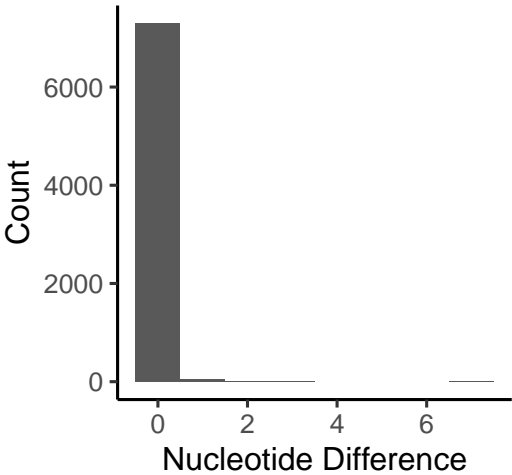
TRBV6-9*ap01

278 sequences assigned
188 (67.6%) exact matches, in which:
186 unique CDR3
14 unique J



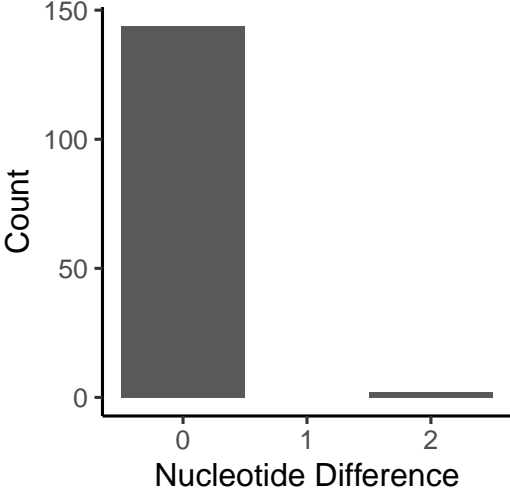
TRBV6-23*ap01

7362 sequences assigned
7296 (99.1%) exact matches, in which:
7180 unique CDR3
14 unique J



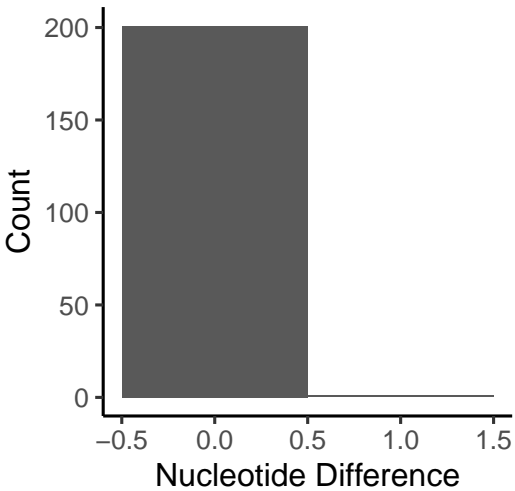
TRBV7-1*ap01_G291C_

146 sequences assigned
144 (98.6%) exact matches, in which:
142 unique CDR3
13 unique J



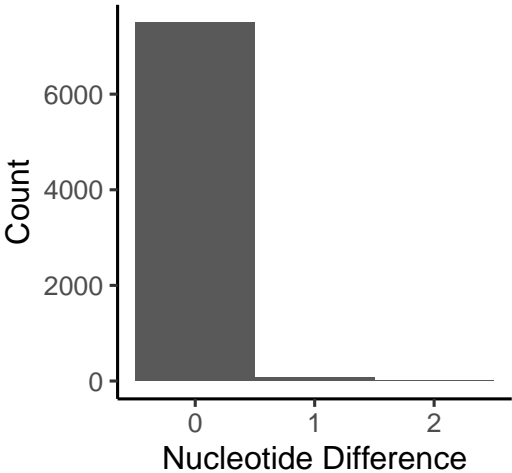
TRBV7-4*ap01

202 sequences assigned
201 (99.5%) exact matches, in which:
197 unique CDR3
14 unique J



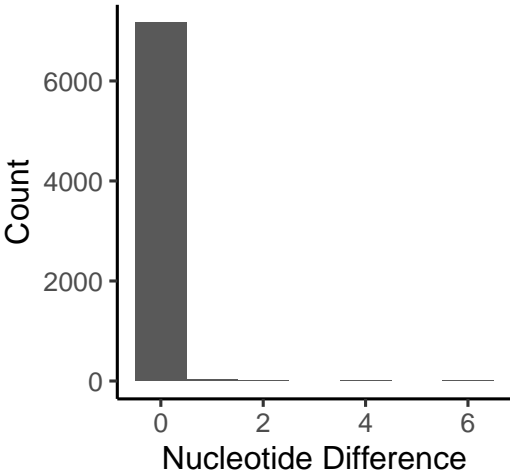
TRBV6-56*ap01

7577 sequences assigned
7494 (98.9%) exact matches, in which:
7376 unique CDR3
14 unique J



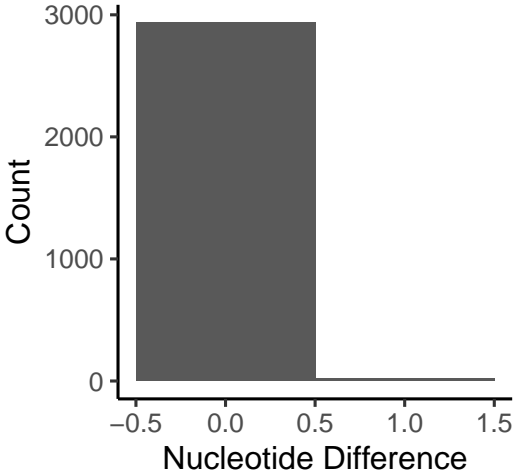
TRBV7-2*ap01

7199 sequences assigned
7164 (99.5%) exact matches, in which:
7128 unique CDR3
14 unique J



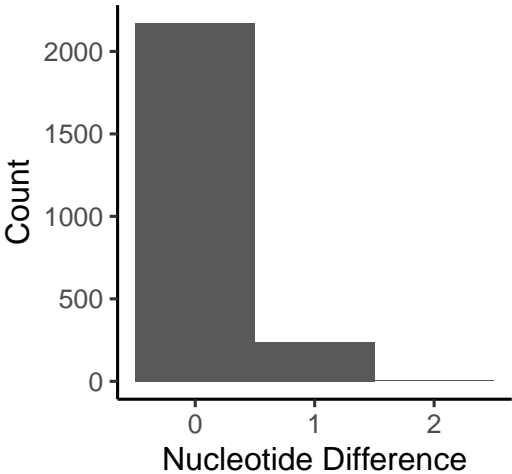
TRBV7-6*ap01

2957 sequences assigned
2935 (99.3%) exact matches, in which:
2902 unique CDR3
14 unique J



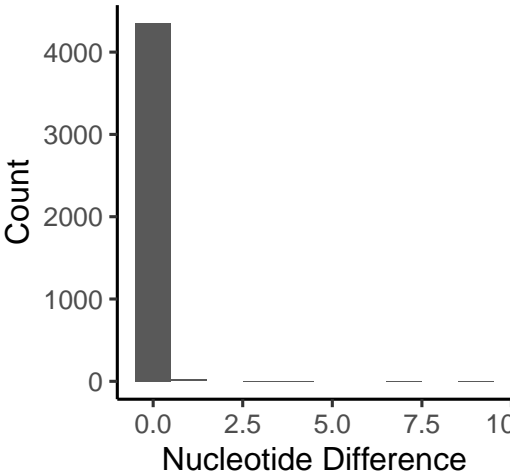
TRBV6-56*ap02

2417 sequences assigned
2172 (89.9%) exact matches, in which:
2136 unique CDR3
14 unique J



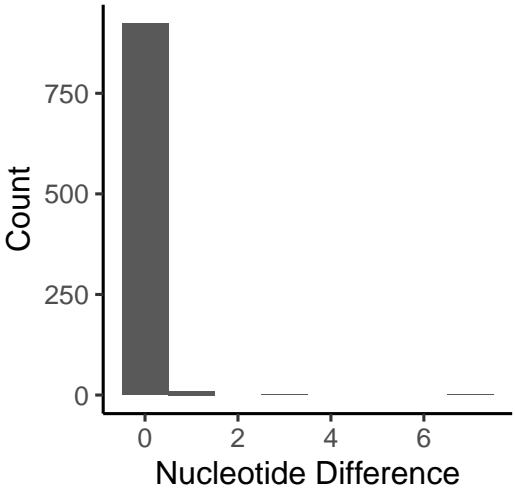
TRBV7-3*ap01

4380 sequences assigned
4353 (99.4%) exact matches, in which:
4331 unique CDR3
14 unique J



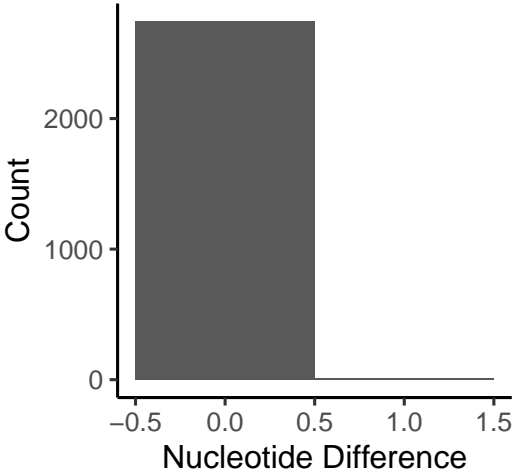
TRBV7-7*ap01_C315T

938 sequences assigned
924 (98.5%) exact matches, in which:
922 unique CDR3
14 unique J



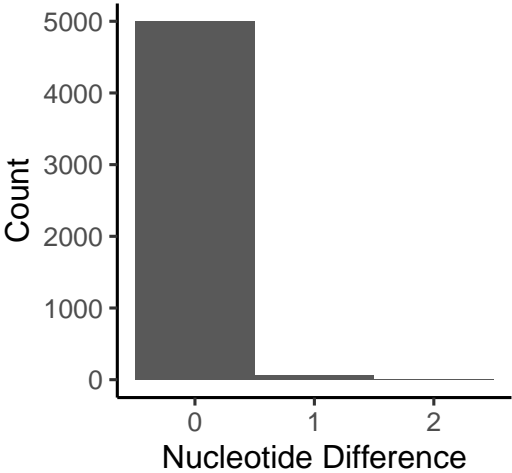
TRBV7-8*ap01

2757 sequences assigned
2744 (99.5%) exact matches, in which:
2717 unique CDR3
14 unique J



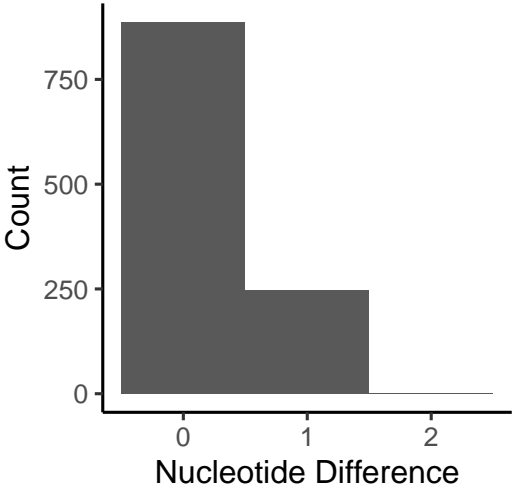
TRBV29-1*ap01

5065 sequences assigned
4998 (98.7%) exact matches, in which:
4942 unique CDR3
14 unique J



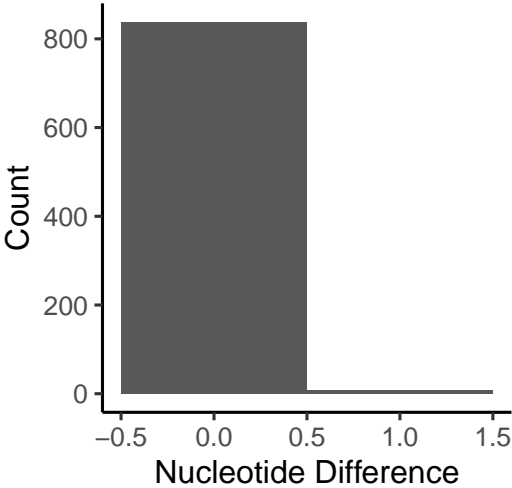
TRBV7-8*ap03

1134 sequences assigned
887 (78.2%) exact matches, in which:
874 unique CDR3
14 unique J



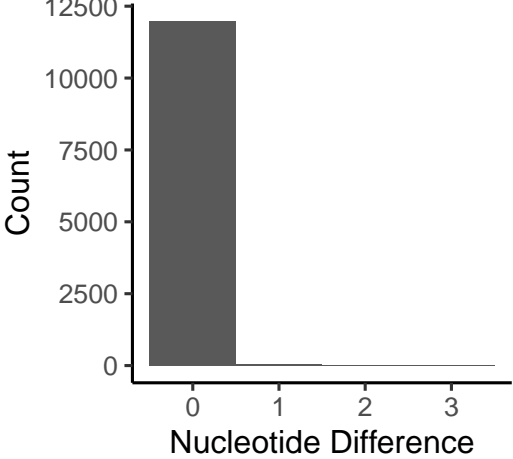
TRBV29-1*ap02

847 sequences assigned
838 (98.9%) exact matches, in which:
822 unique CDR3
14 unique J

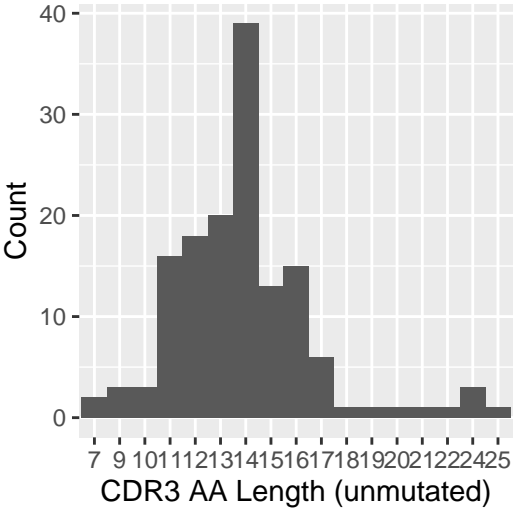


TRBV7-9*ap01

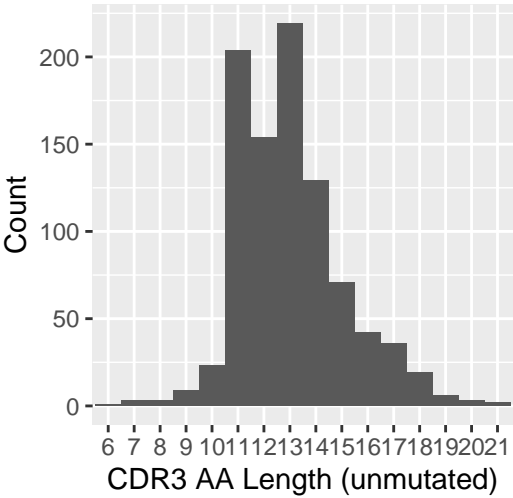
12054 sequences assigned
11992 (99.5%) exact matches, in which:
11914 unique CDR3
14 unique J

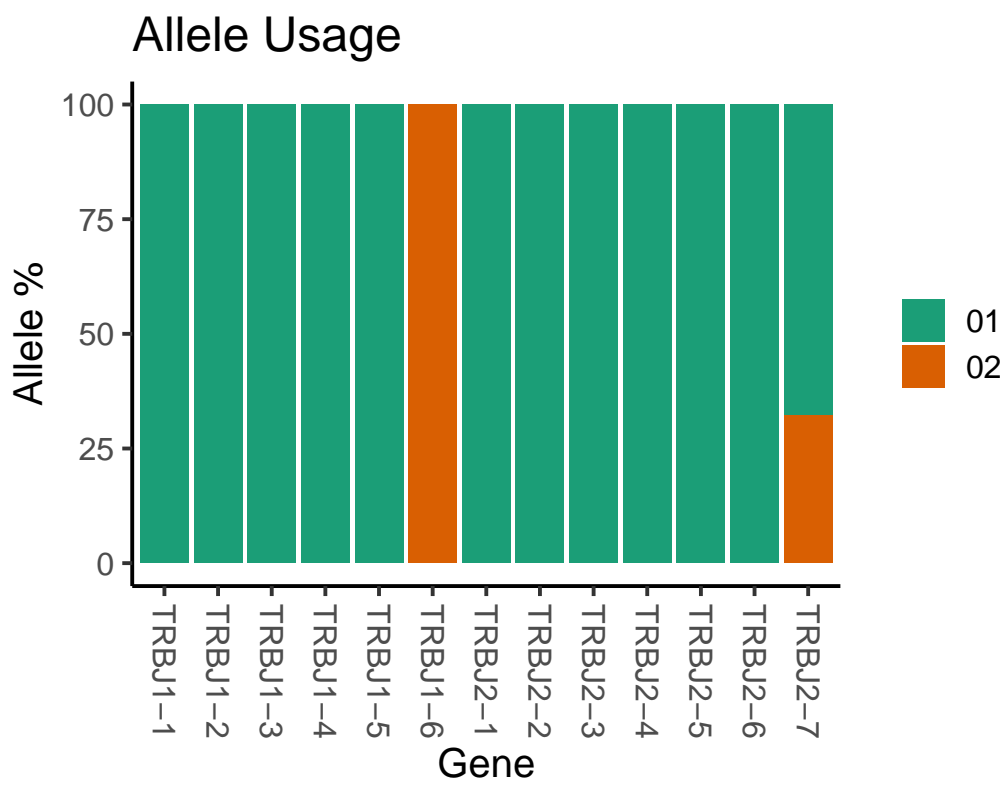


TRBV7-1*ap01_G291C_T296C

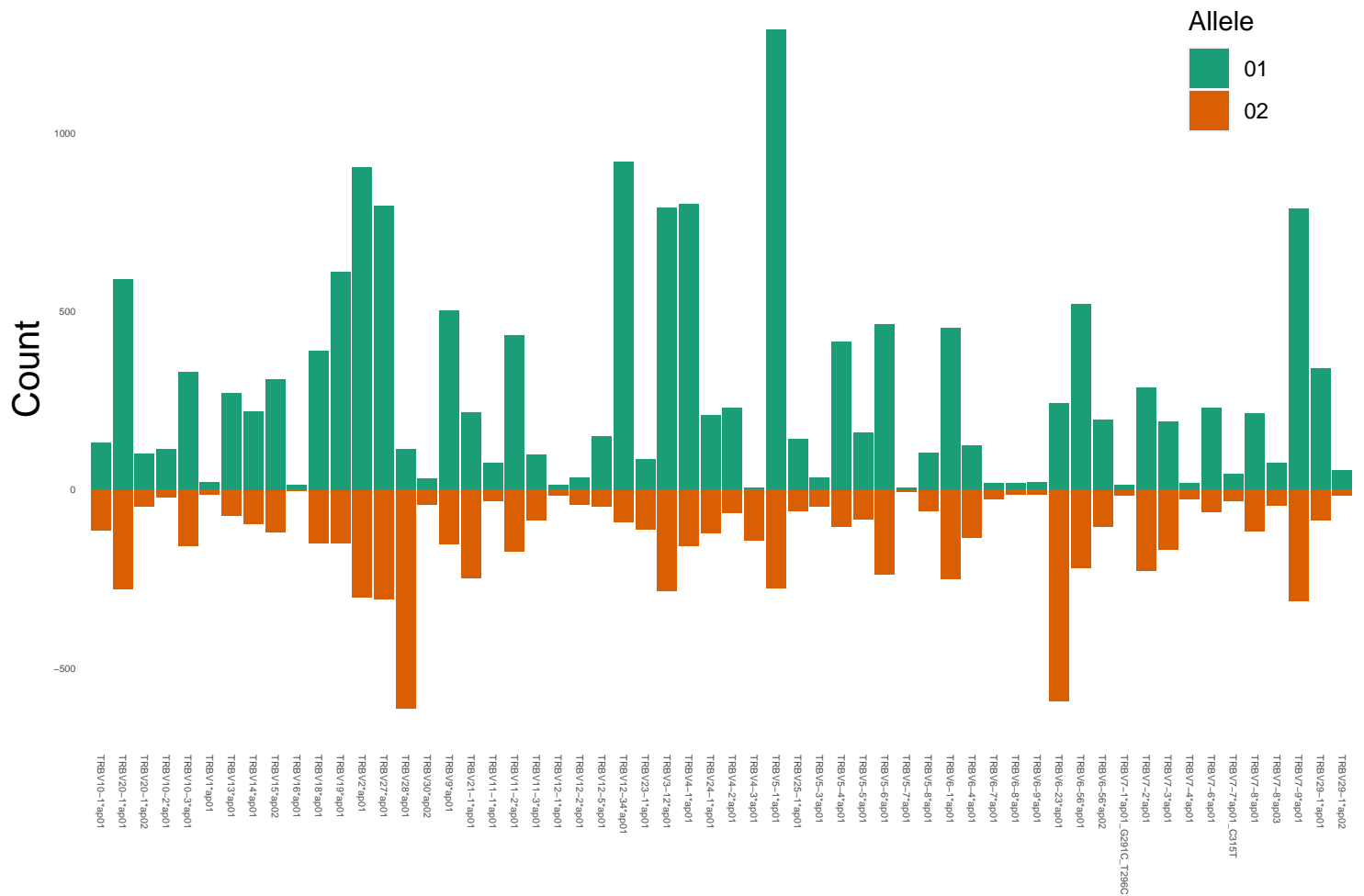


TRBV7-7*ap01_C315T





Sequence Count by TRBJ2-7 allele usage



[illegible]