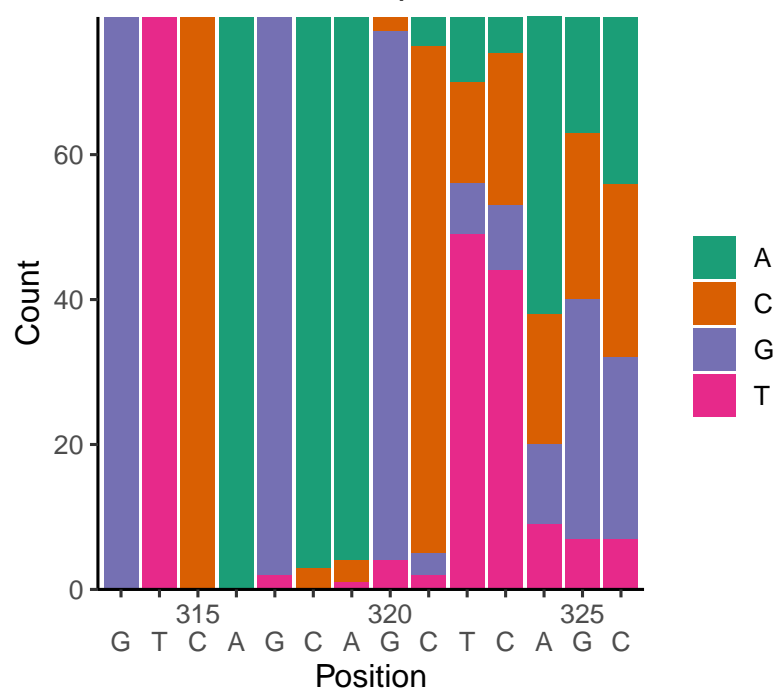
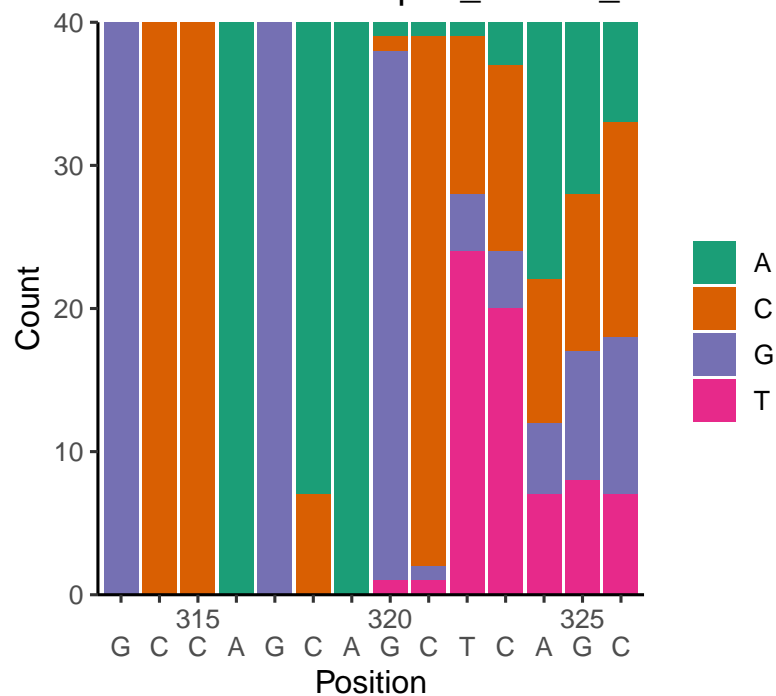


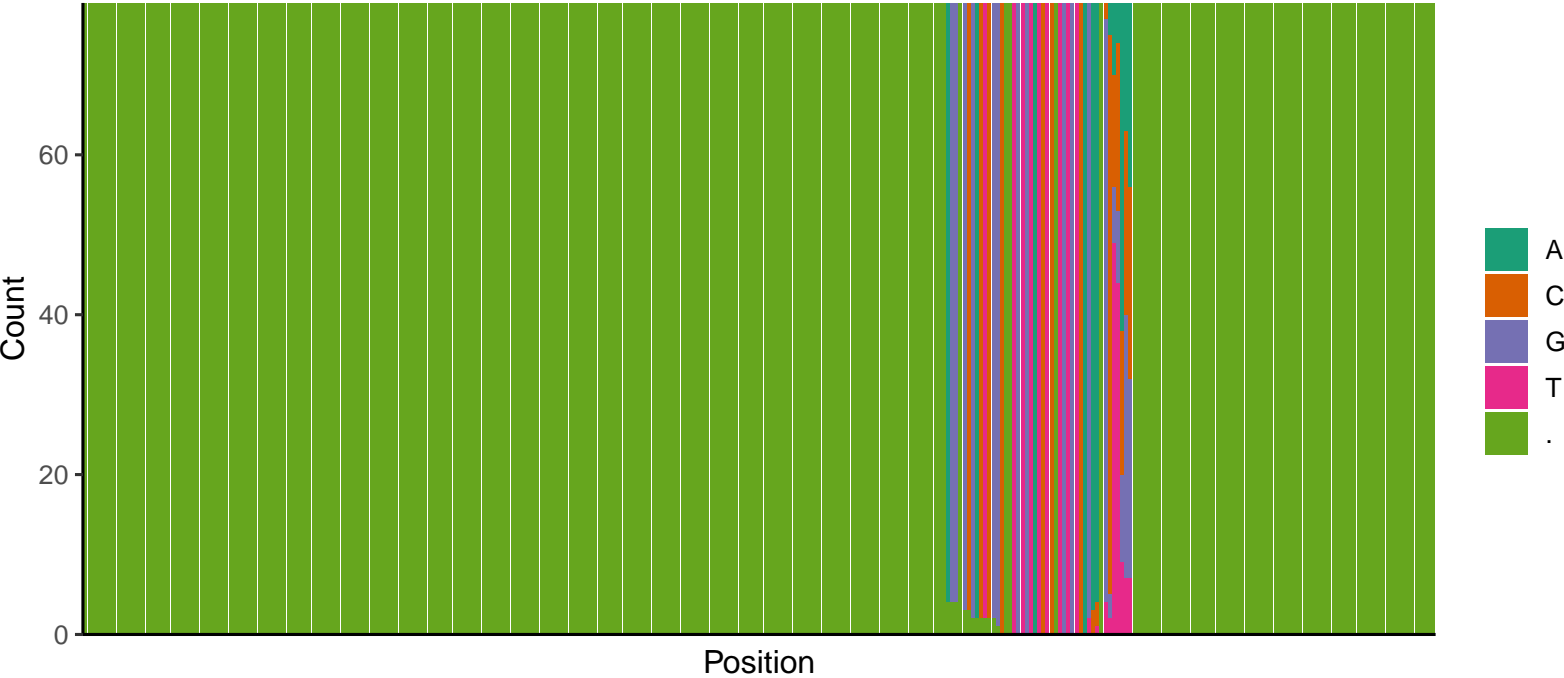
Gene TRBV7-1*ap01_G291C_T296C_C314T



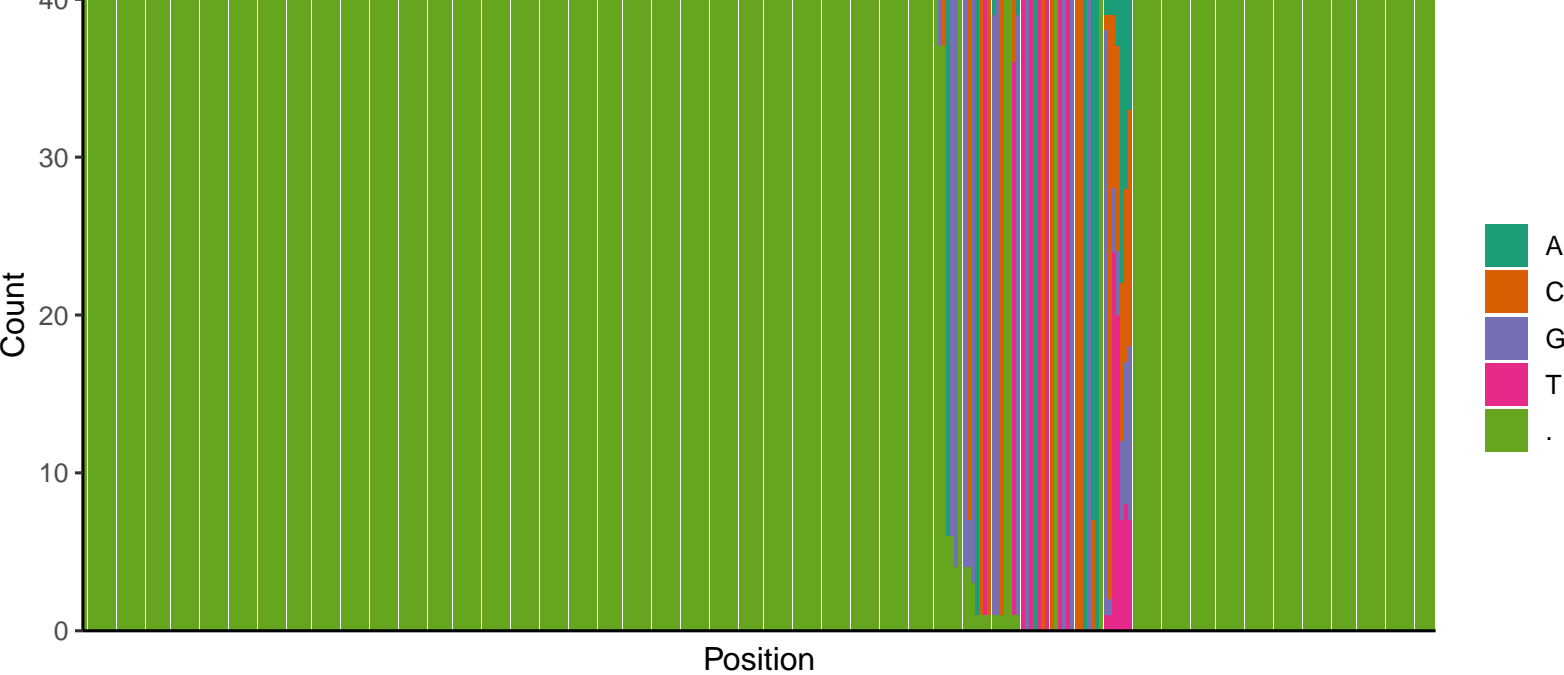
Gene TRBV7-1*ap01_G291C_T296C



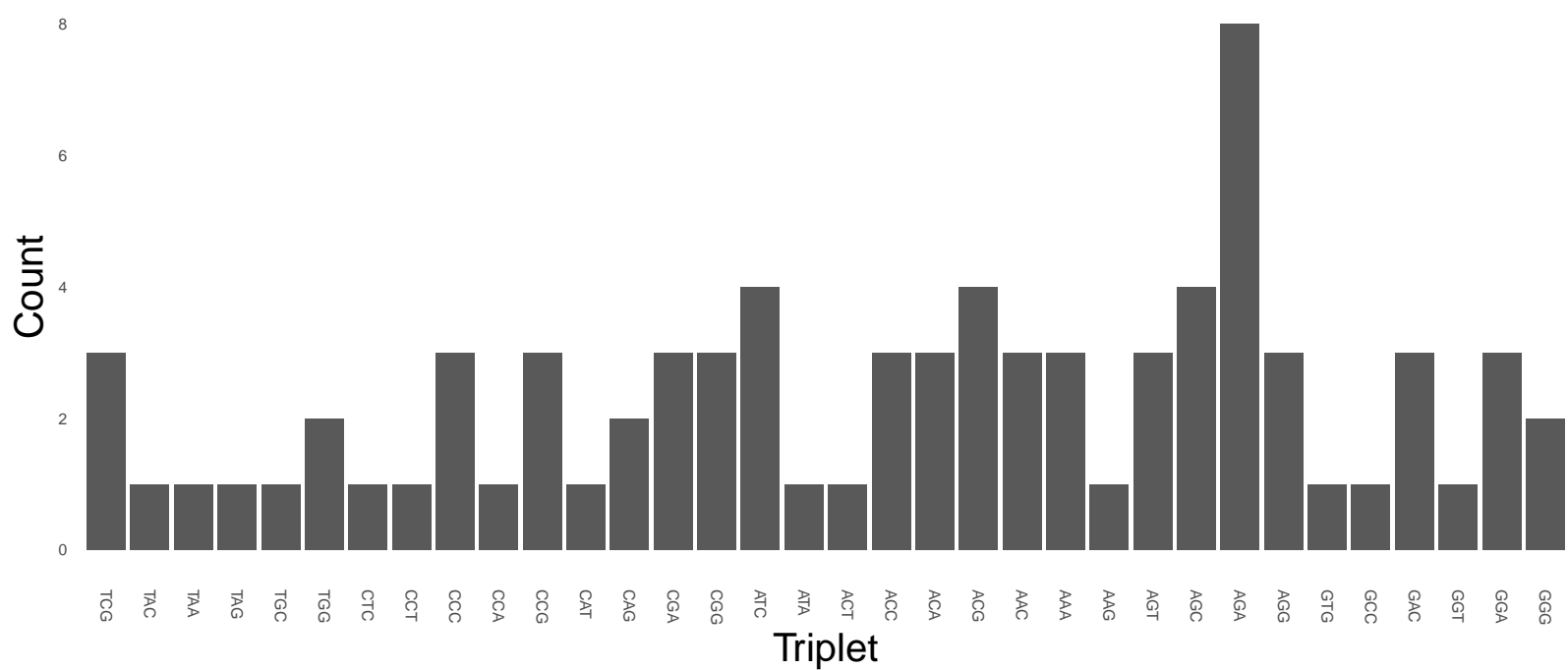
Gene TRBV7-1*ap01_G291C_T296C_C314T



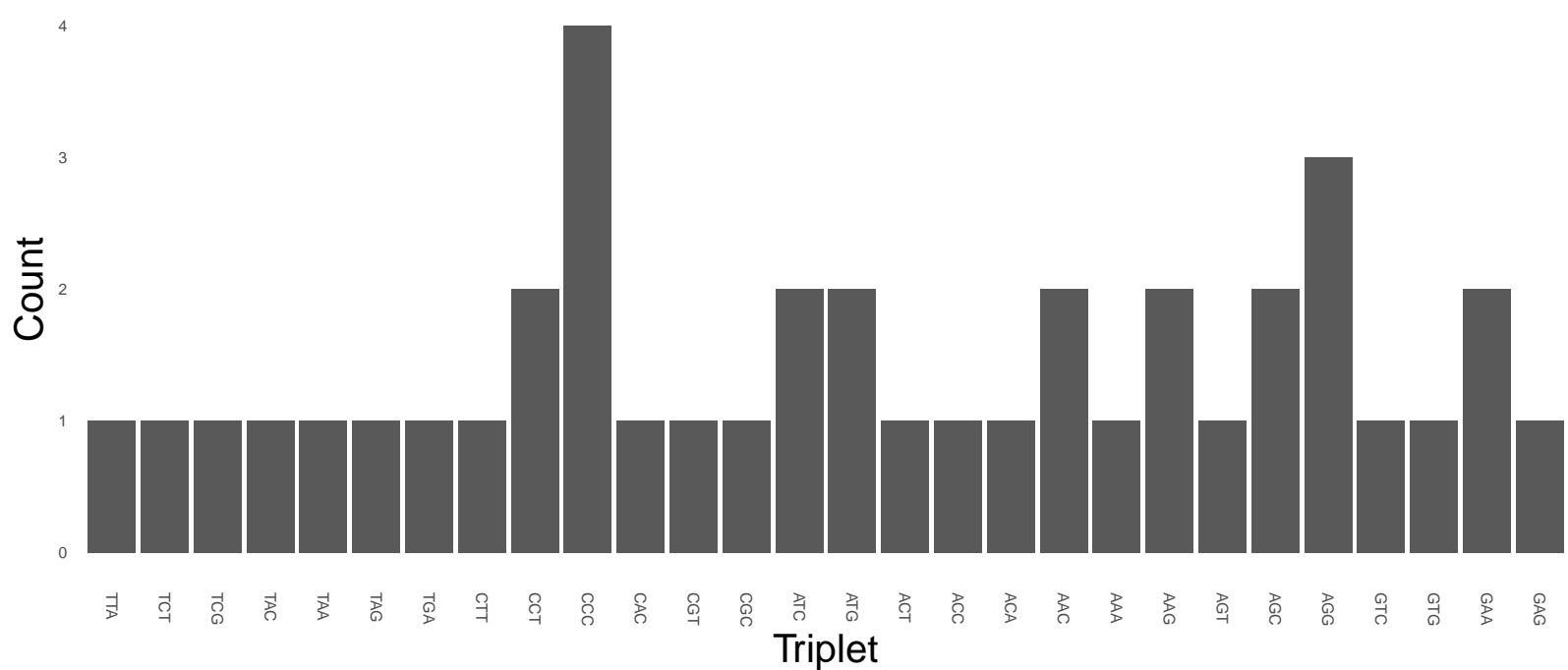
Gene TRBV7-1*ap01_G291C_T296C



TRBV7-1*ap01_G291C_T296C_C314T- Final 3 nucleotides as a triplet

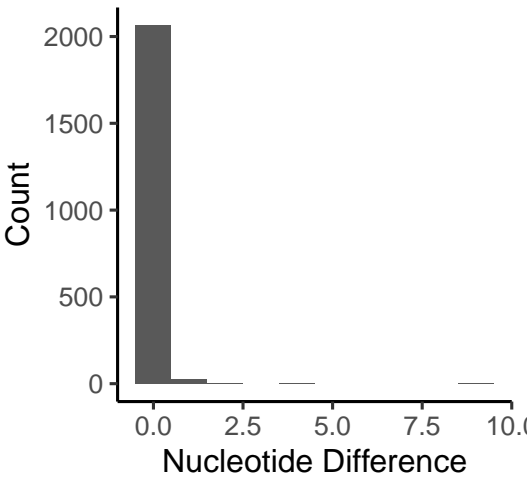


TRBV7-1*ap01_G291C_T296C- Final 3 nucleotides as a triplet



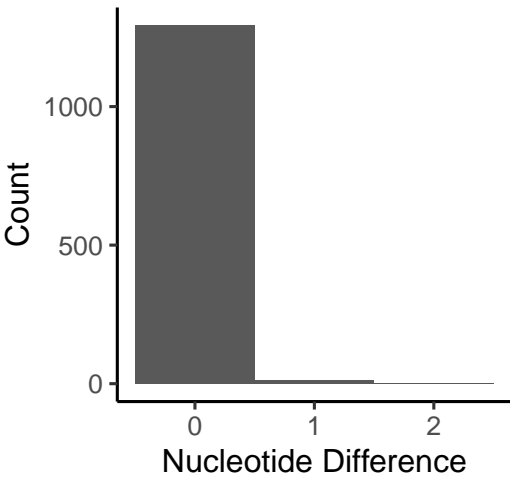
TRBV10-1*ap01

2093 sequences assigned
2064 (98.6%) exact matches, in which:
2018 unique CDR3
13 unique J



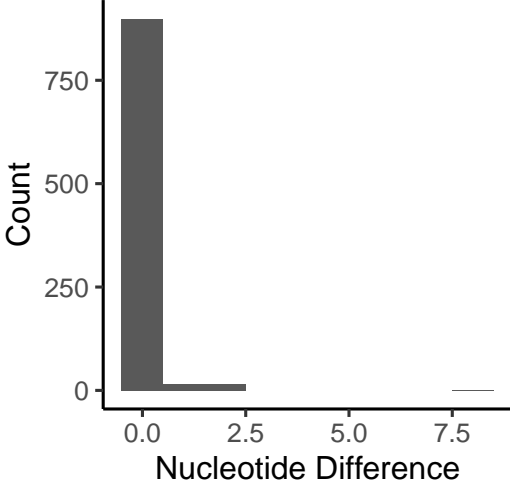
TRBV10-2*ap01

1307 sequences assigned
1293 (98.9%) exact matches, in which:
1272 unique CDR3
13 unique J



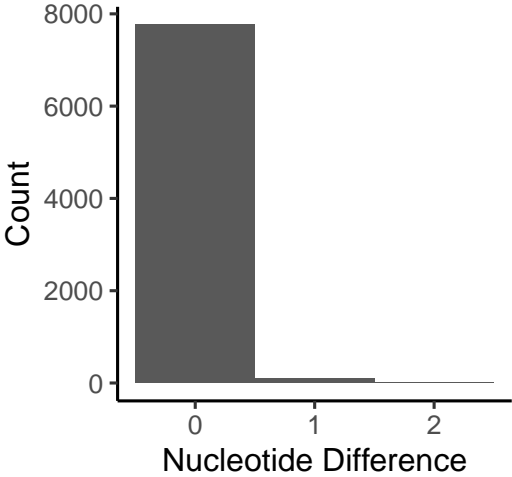
TRBV13*ap01

930 sequences assigned
899 (96.7%) exact matches, in which:
872 unique CDR3
13 unique J



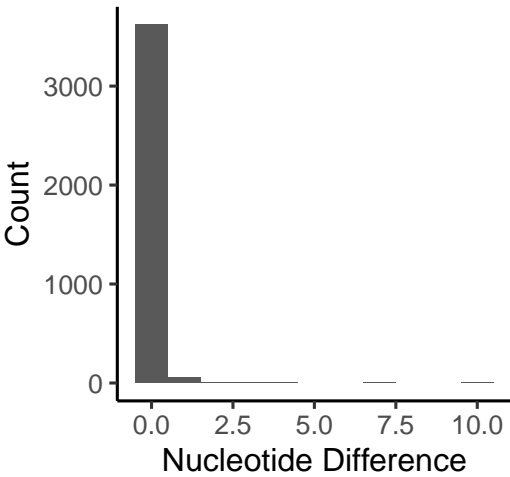
TRBV20-1*ap01

7873 sequences assigned
7764 (98.6%) exact matches, in which:
7617 unique CDR3
13 unique J



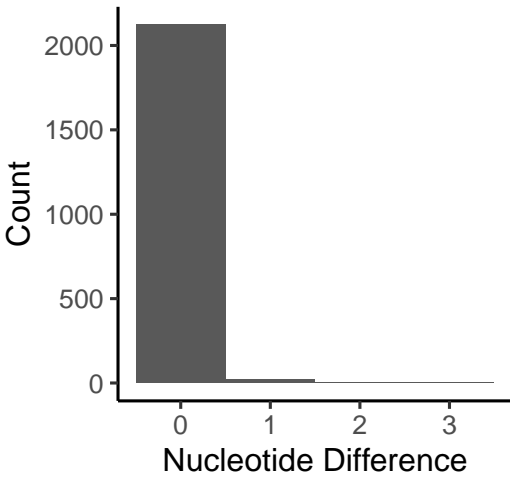
TRBV10-3*ap01

3677 sequences assigned
3620 (98.4%) exact matches, in which:
3537 unique CDR3
13 unique J



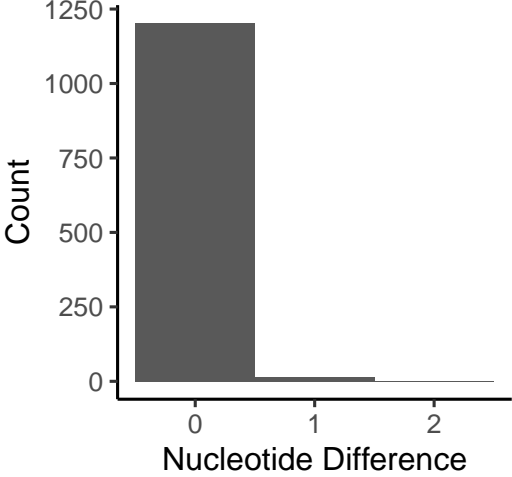
TRBV14*ap01

2146 sequences assigned
2123 (98.9%) exact matches, in which:
2089 unique CDR3
13 unique J



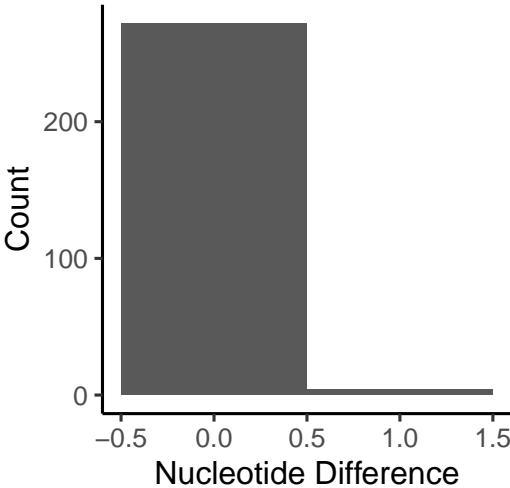
TRBV20-1*ap02

1218 sequences assigned
1203 (98.8%) exact matches, in which:
1180 unique CDR3
13 unique J



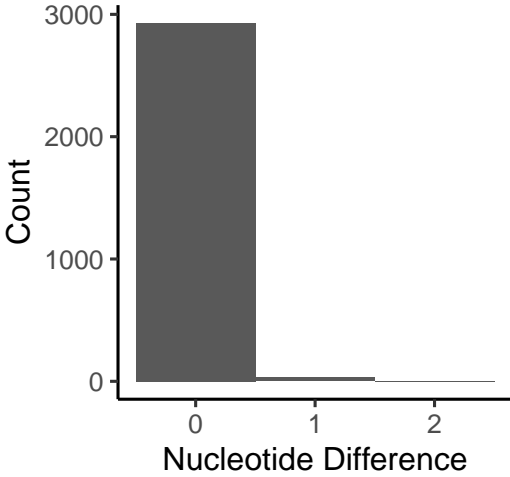
TRBV1*ap01

276 sequences assigned
272 (98.6%) exact matches, in which:
266 unique CDR3
13 unique J



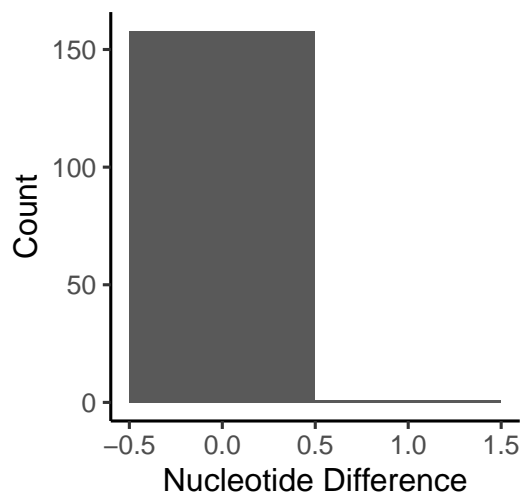
TRBV15*ap02

2962 sequences assigned
2929 (98.9%) exact matches, in which:
2860 unique CDR3
13 unique J



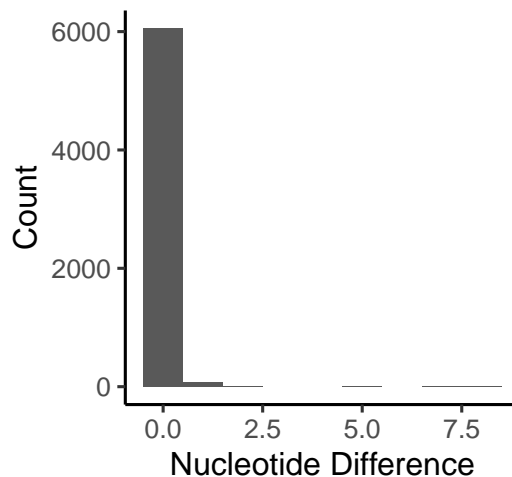
TRBV16*ap01

159 sequences assigned
158 (99.4%) exact matches, in which:
157 unique CDR3
13 unique J



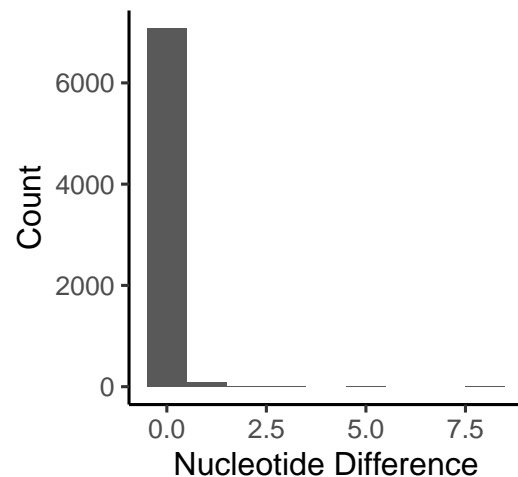
TRBV2*ap01

6136 sequences assigned
6054 (98.7%) exact matches, in which:
5938 unique CDR3
13 unique J



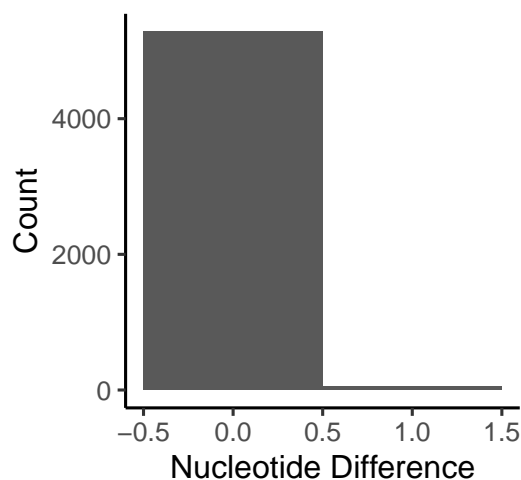
TRBV30*ap01

7180 sequences assigned
7076 (98.6%) exact matches, in which:
6997 unique CDR3
13 unique J



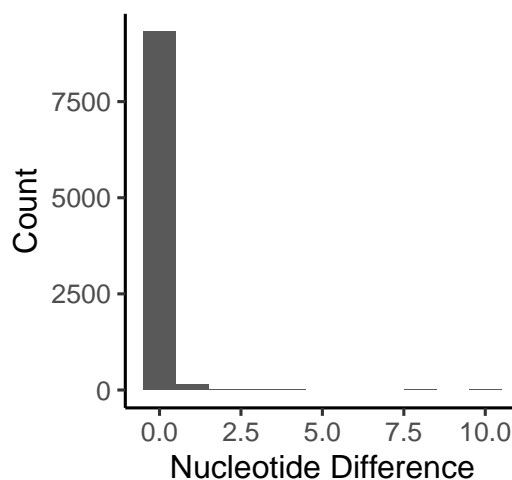
TRBV18*ap01

5331 sequences assigned
5282 (99.1%) exact matches, in which:
5207 unique CDR3
13 unique J



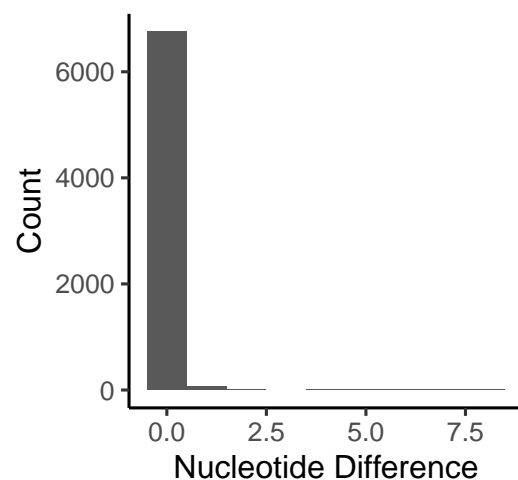
TRBV27*ap01

9469 sequences assigned
9317 (98.4%) exact matches, in which:
9064 unique CDR3
13 unique J



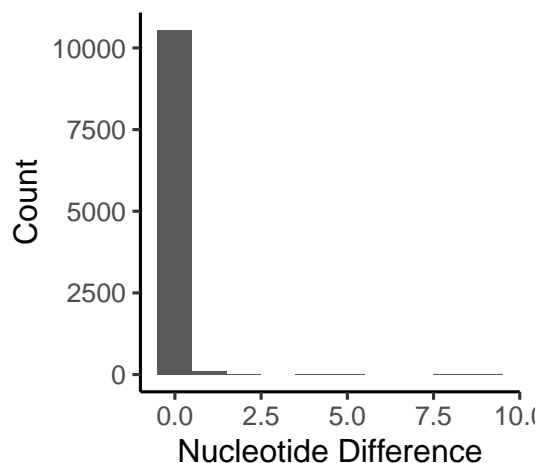
TRBV9*ap01

6827 sequences assigned
6755 (98.9%) exact matches, in which:
6625 unique CDR3
13 unique J



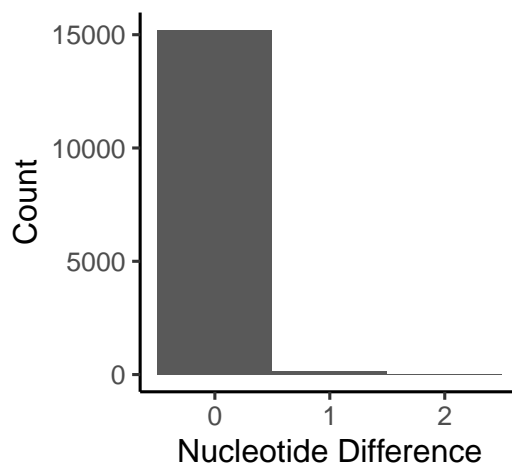
TRBV19*ap01

10674 sequences assigned
10555 (98.9%) exact matches, in which:
10397 unique CDR3
13 unique J



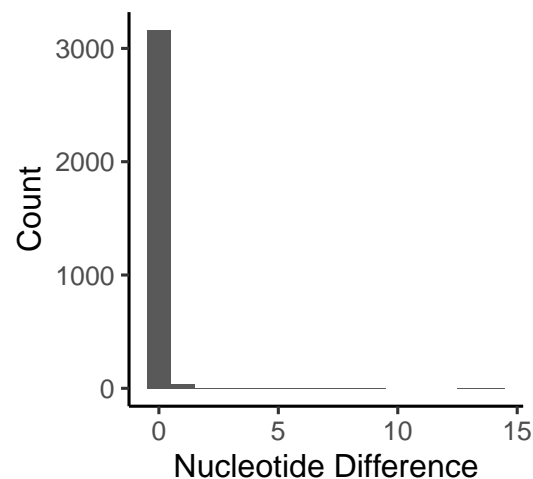
TRBV28*ap01

15396 sequences assigned
15217 (98.8%) exact matches, in which:
14865 unique CDR3
13 unique J



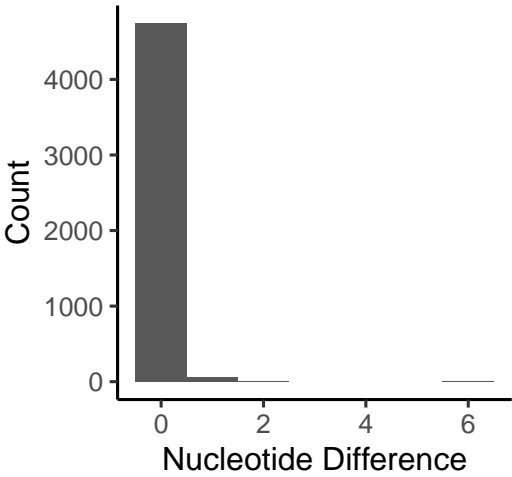
TRBV21-1*ap01

3217 sequences assigned
3162 (98.3%) exact matches, in which:
3102 unique CDR3
13 unique J



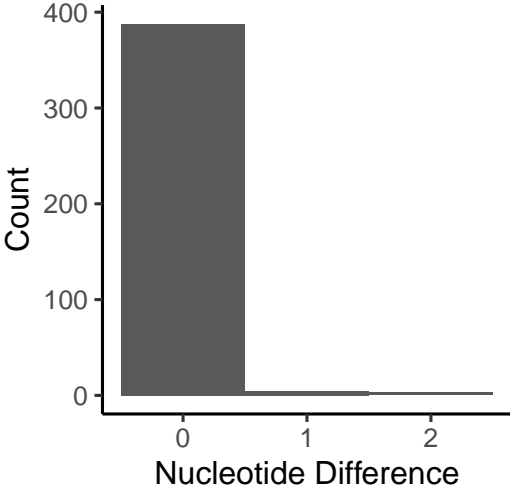
TRBV11-2*ap01

4805 sequences assigned
4741 (98.7%) exact matches, in which:
4627 unique CDR3
13 unique J



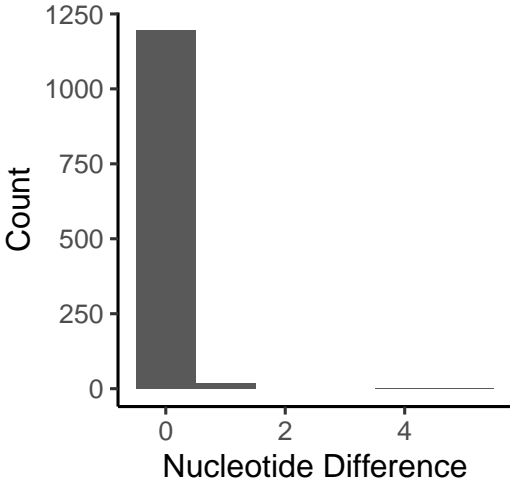
TRBV12-2*ap01

396 sequences assigned
388 (98%) exact matches, in which:
383 unique CDR3
13 unique J



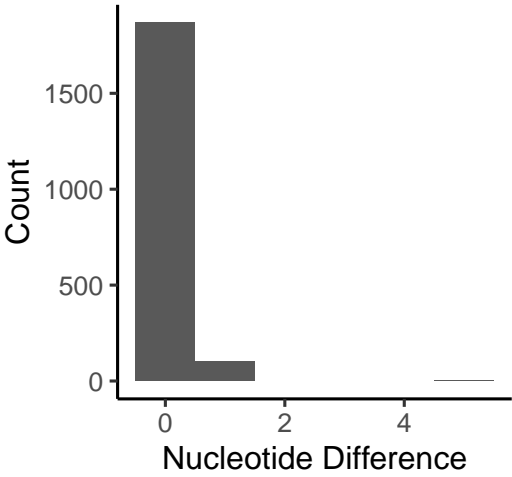
TRBV23-1*ap01

1217 sequences assigned
1195 (98.2%) exact matches, in which:
1165 unique CDR3
13 unique J



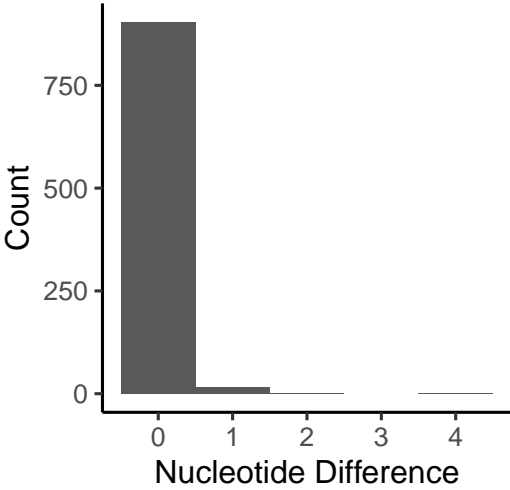
TRBV11-3*ap01

1970 sequences assigned
1868 (94.8%) exact matches, in which:
1837 unique CDR3
13 unique J



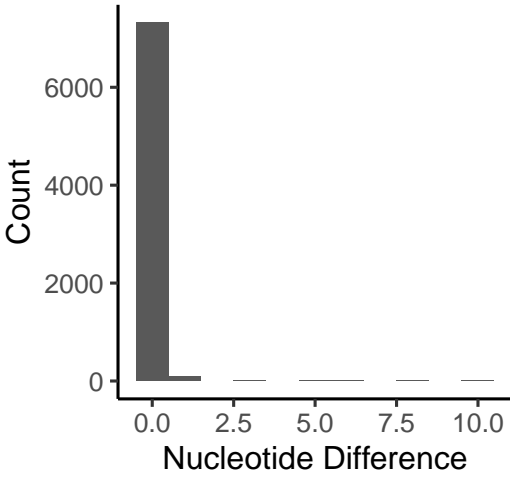
TRBV12-5*ap01

921 sequences assigned
904 (98.2%) exact matches, in which:
891 unique CDR3
13 unique J



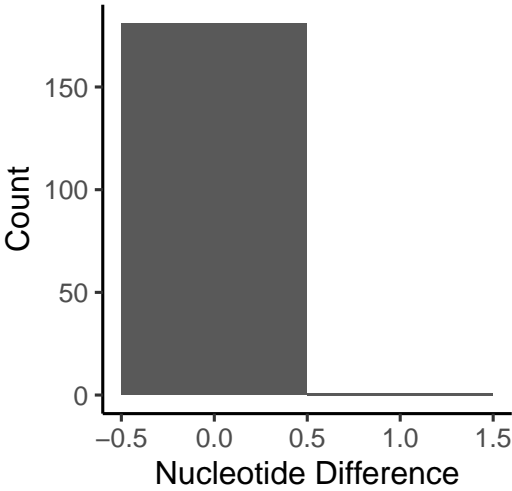
TRBV3-12*ap01

7422 sequences assigned
7319 (98.6%) exact matches, in which:
7148 unique CDR3
13 unique J



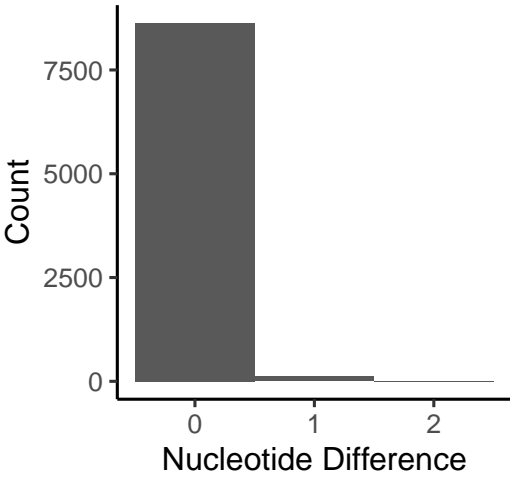
TRBV12-1*ap01

182 sequences assigned
181 (99.5%) exact matches, in which:
179 unique CDR3
13 unique J



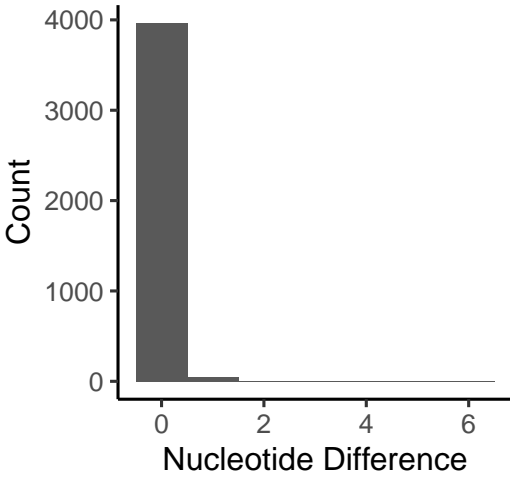
TRBV12-34*ap01

8755 sequences assigned
8630 (98.6%) exact matches, in which:
8441 unique CDR3
13 unique J



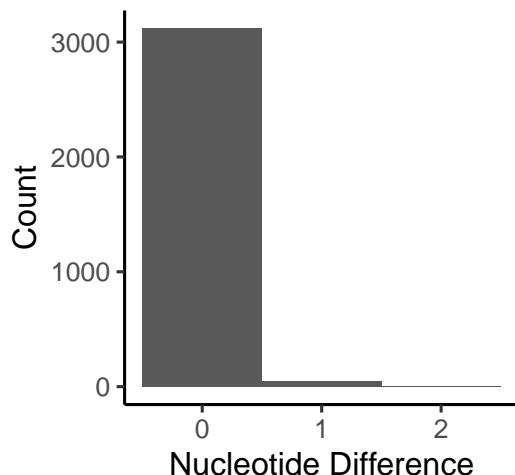
TRBV24-1*ap01

4025 sequences assigned
3965 (98.5%) exact matches, in which:
3908 unique CDR3
13 unique J



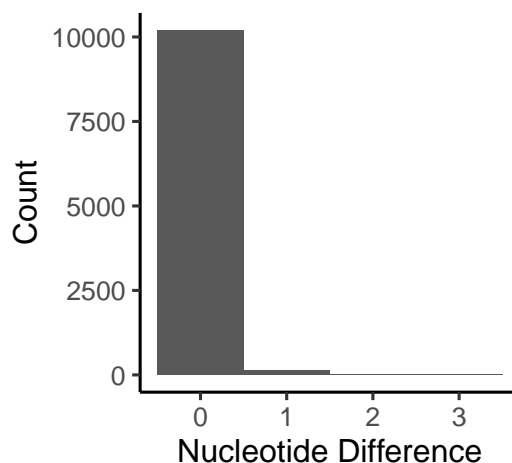
TRBV4-1*ap01

3164 sequences assigned
3119 (98.6%) exact matches, in which:
3062 unique CDR3
13 unique J



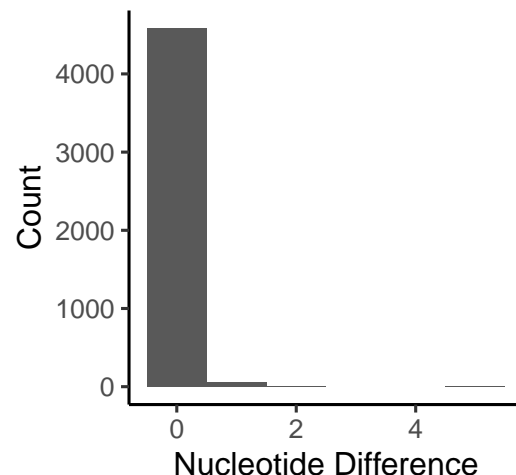
TRBV5-1*ap01

10328 sequences assigned
10201 (98.8%) exact matches, in which:
9940 unique CDR3
13 unique J



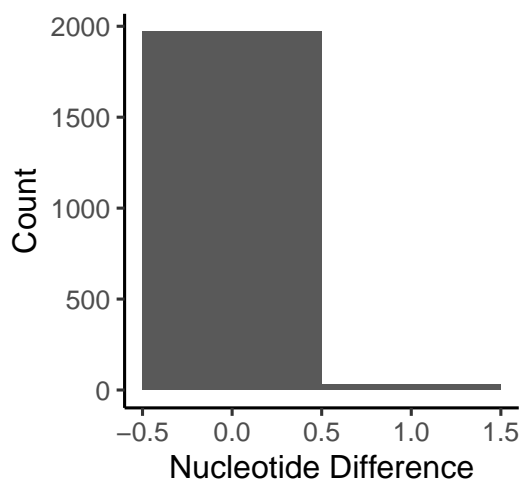
TRBV5-4*ap01

4642 sequences assigned
4582 (98.7%) exact matches, in which:
4469 unique CDR3
13 unique J



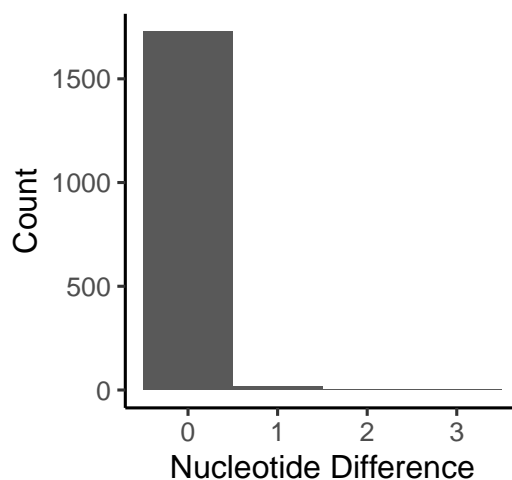
TRBV4-2*ap01

1999 sequences assigned
1970 (98.5%) exact matches, in which:
1927 unique CDR3
13 unique J



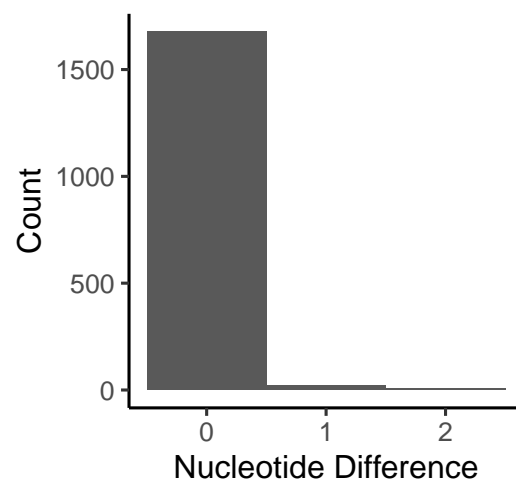
TRBV25-1*ap01

1747 sequences assigned
1727 (98.9%) exact matches, in which:
1698 unique CDR3
13 unique J



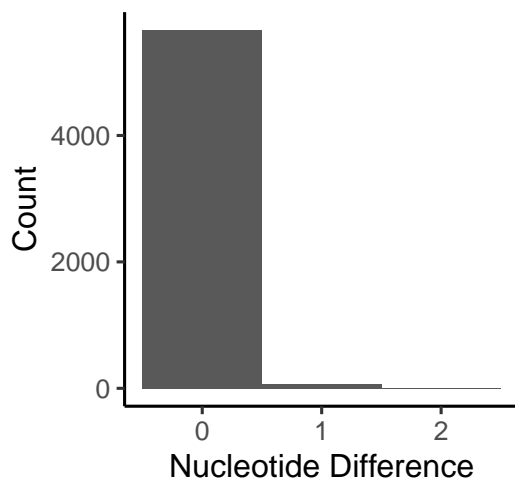
TRBV5-5*ap01

1702 sequences assigned
1677 (98.5%) exact matches, in which:
1660 unique CDR3
13 unique J



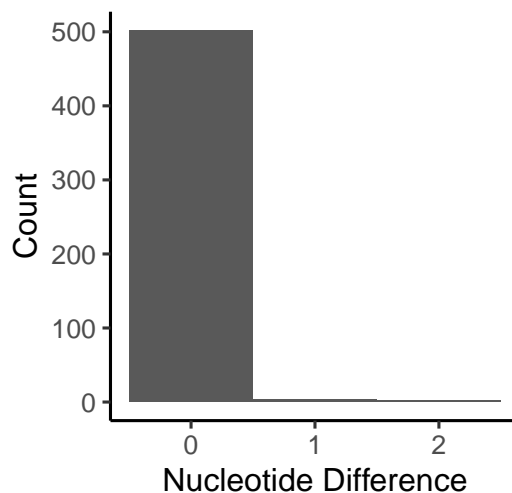
TRBV4-3*ap01

5739 sequences assigned
5668 (98.8%) exact matches, in which:
5556 unique CDR3
13 unique J



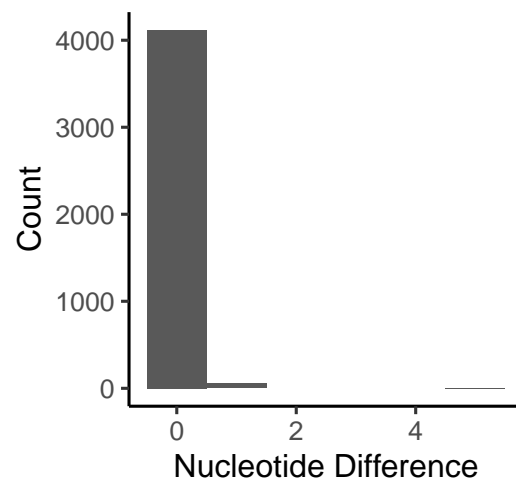
TRBV5-3*ap01

508 sequences assigned
502 (98.8%) exact matches, in which:
487 unique CDR3
13 unique J



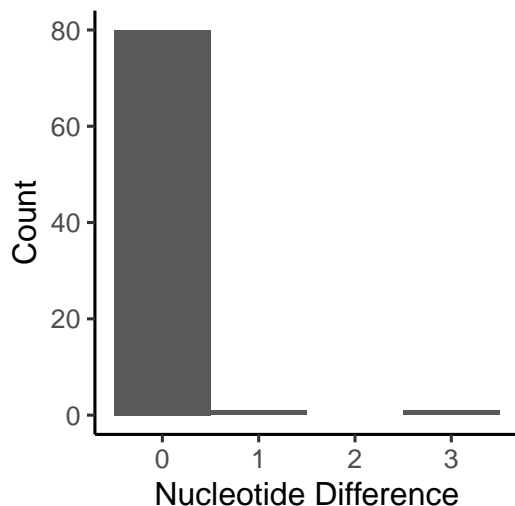
TRBV5-6*ap01

4172 sequences assigned
4117 (98.7%) exact matches, in which:
4029 unique CDR3
13 unique J



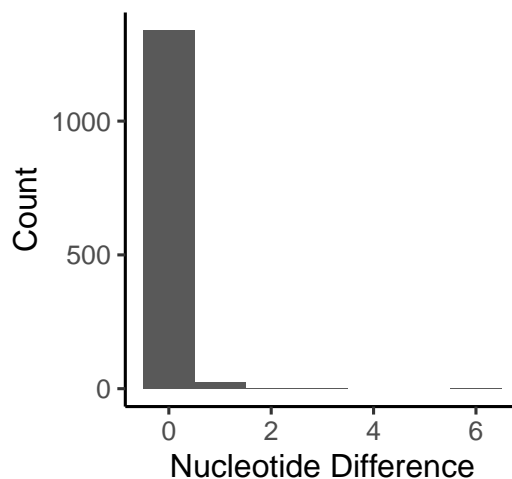
TRBV5-7*ap01

82 sequences assigned
80 (97.6%) exact matches, in which:
76 unique CDR3
13 unique J



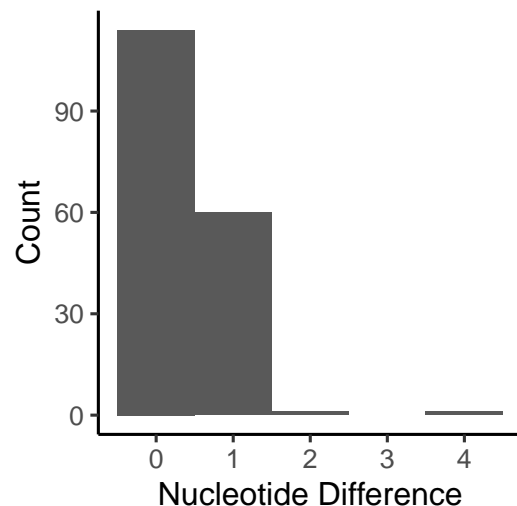
TRBV6-4*ap01

1367 sequences assigned
1339 (98%) exact matches, in which:
1321 unique CDR3
13 unique J



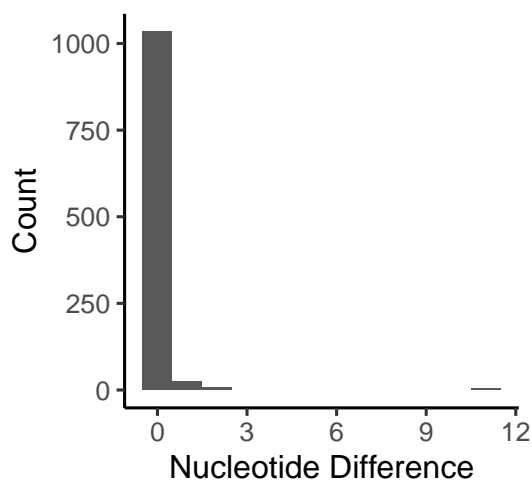
TRBV6-9*ap01

176 sequences assigned
114 (64.8%) exact matches, in which:
111 unique CDR3
13 unique J



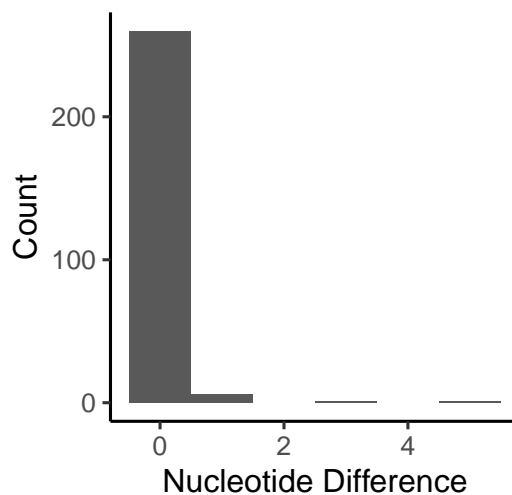
TRBV5-8*ap01

1067 sequences assigned
1034 (96.9%) exact matches, in which:
1016 unique CDR3
13 unique J



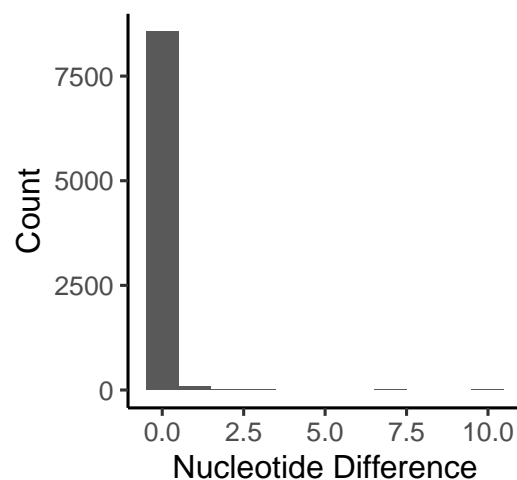
TRBV6-7*ap01

268 sequences assigned
260 (97%) exact matches, in which:
253 unique CDR3
13 unique J



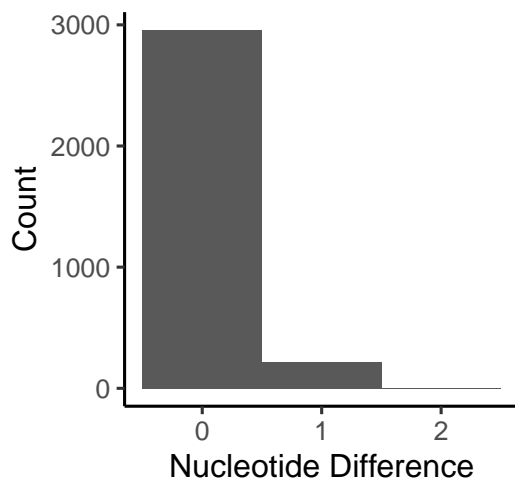
TRBV6-23*ap01

8657 sequences assigned
8560 (98.9%) exact matches, in which:
8402 unique CDR3
13 unique J



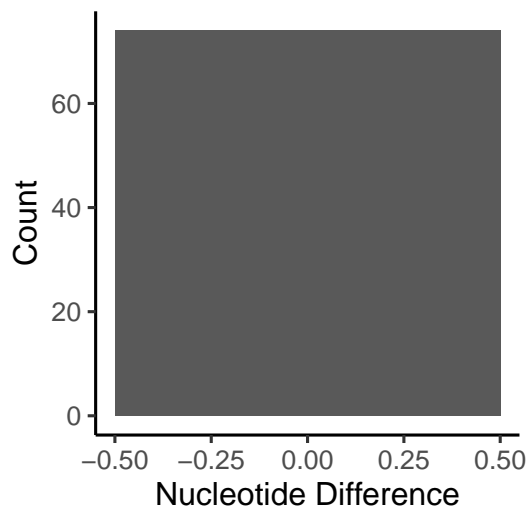
TRBV6-1*ap01

3175 sequences assigned
2957 (93.1%) exact matches, in which:
2889 unique CDR3
13 unique J



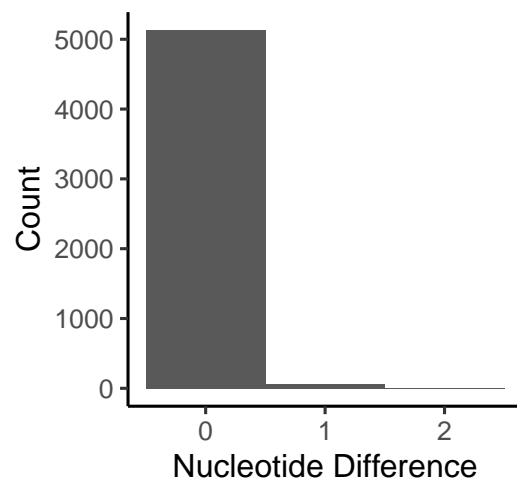
TRBV6-8*ap01

74 sequences assigned
74 (100%) exact matches, in which:
74 unique CDR3
12 unique J



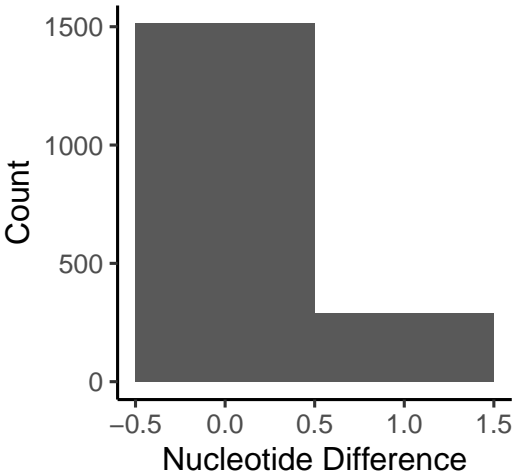
TRBV6-56*ap01

5195 sequences assigned
5132 (98.8%) exact matches, in which:
5014 unique CDR3
13 unique J



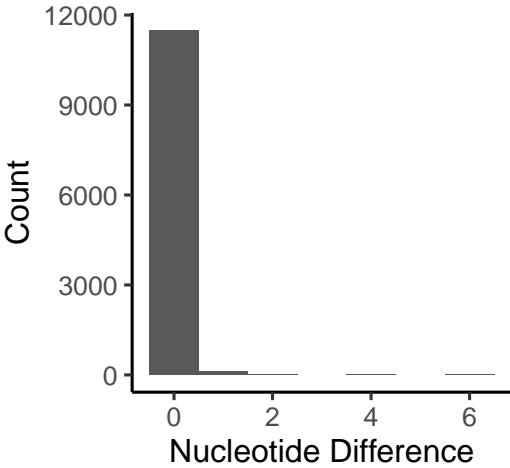
TRBV6-56*ap02

1803 sequences assigned
1514 (84%) exact matches, in which:
1492 unique CDR3
13 unique J



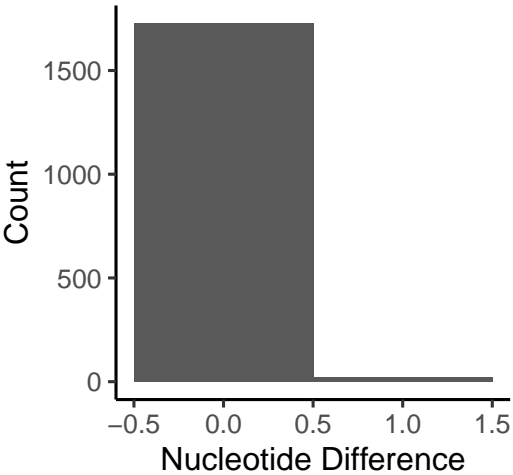
TRBV7-2*ap01

11628 sequences assigned
11496 (98.9%) exact matches, in which:
11284 unique CDR3
13 unique J



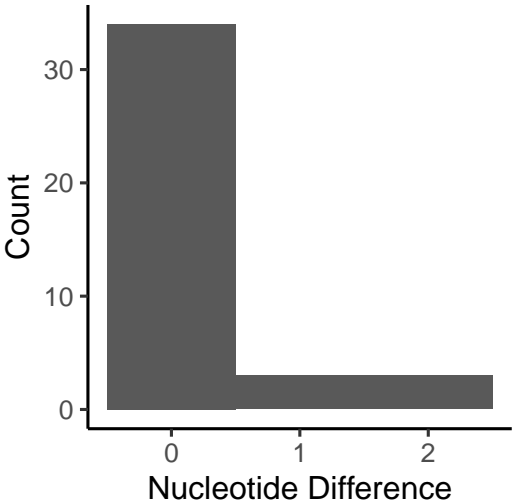
TRBV7-6*ap01

1747 sequences assigned
1727 (98.9%) exact matches, in which:
1687 unique CDR3
13 unique J



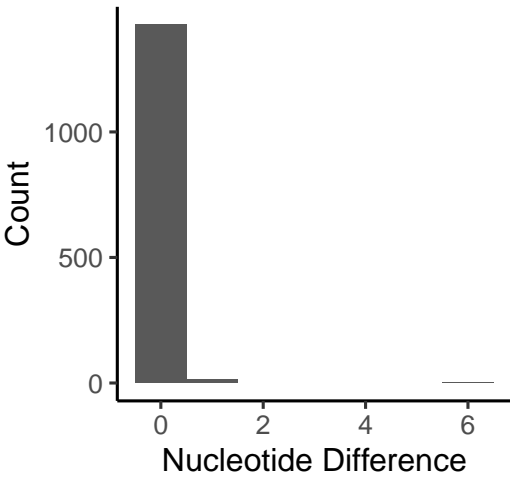
TRBV7-1*ap01_G291C_T

40 sequences assigned
34 (85%) exact matches, in which:
33 unique CDR3
8 unique J



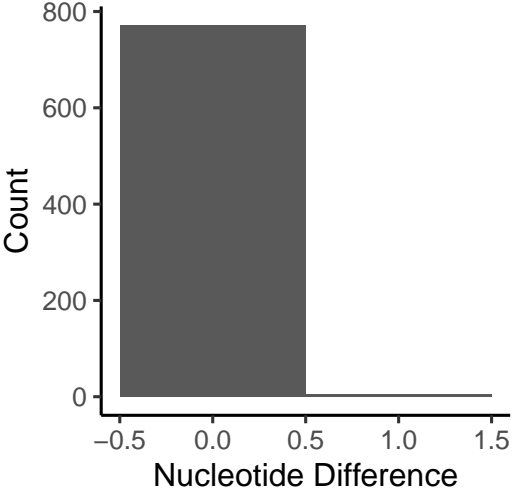
TRBV7-3*ap02

1442 sequences assigned
1427 (99%) exact matches, in which:
1394 unique CDR3
13 unique J



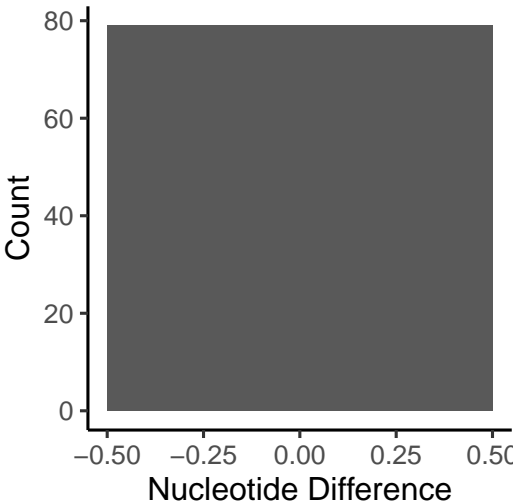
TRBV7-7*ap01

777 sequences assigned
772 (99.4%) exact matches, in which:
759 unique CDR3
13 unique J



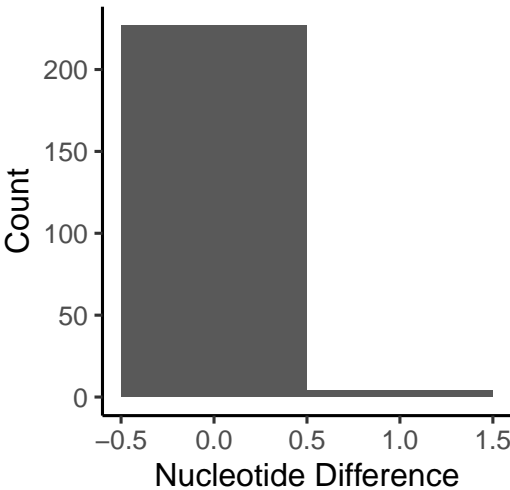
TRBV7-1*ap01_G291C_T

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



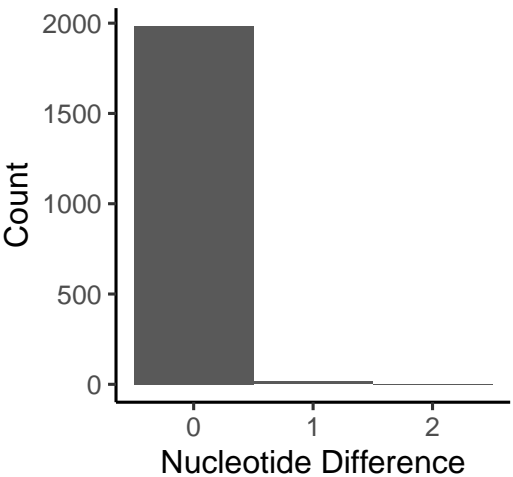
TRBV7-4*ap01

231 sequences assigned
227 (98.3%) exact matches, in which:
223 unique CDR3
13 unique J



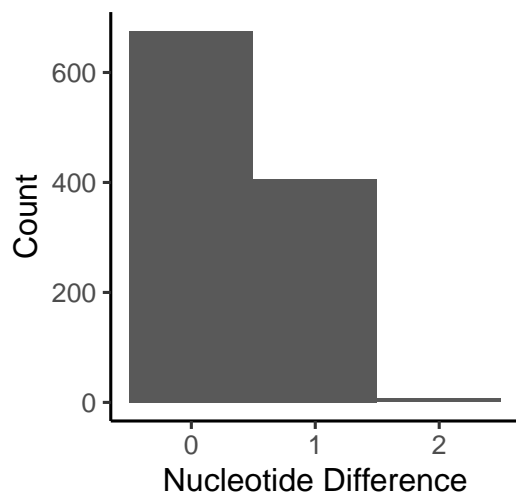
TRBV7-8*ap01

2002 sequences assigned
1984 (99.1%) exact matches, in which:
1944 unique CDR3
13 unique J



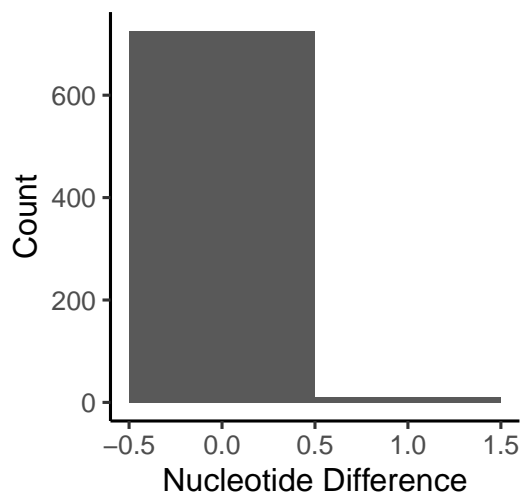
TRBV7–8*ap03

1089 sequences assigned
676 (62.1%) exact matches, in which:
661 unique CDR3
13 unique J



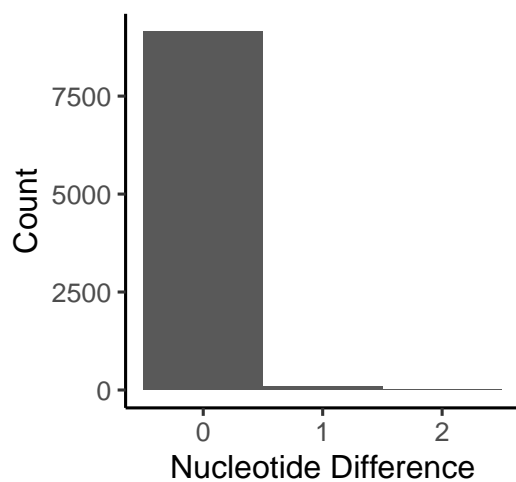
TRBV29–1*ap02

737 sequences assigned
726 (98.5%) exact matches, in which:
712 unique CDR3
13 unique J



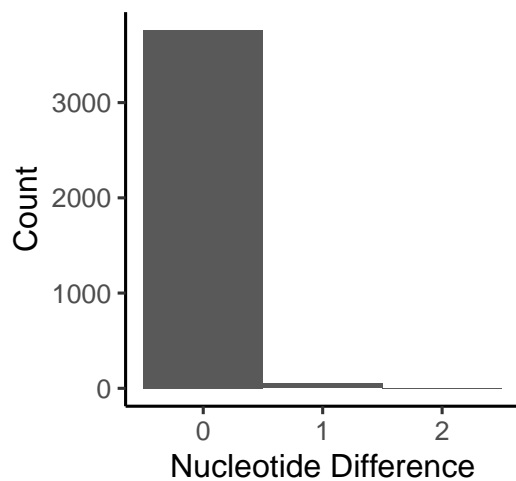
TRBV7–9*ap01

9231 sequences assigned
9143 (99%) exact matches, in which:
8986 unique CDR3
13 unique J

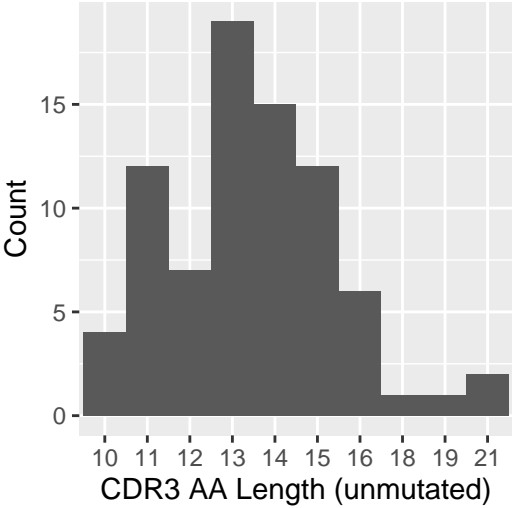


TRBV29–1*ap01

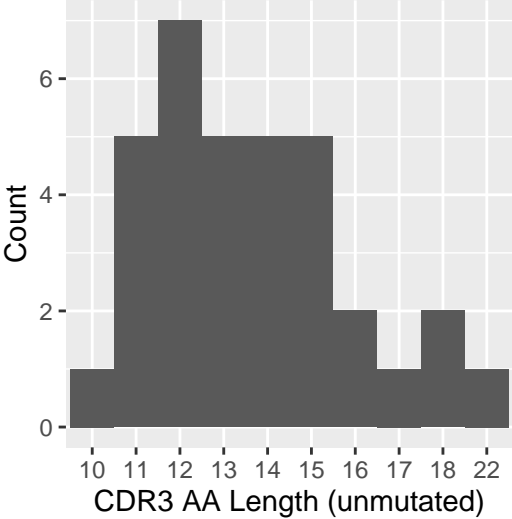
3816 sequences assigned
3762 (98.6%) exact matches, in which:
3702 unique CDR3
13 unique J



TRBV7-1*ap01_G291C_T296C_C314T



TRBV7-1*ap01_G291C_T296C





Warning – no inferred sequences found.