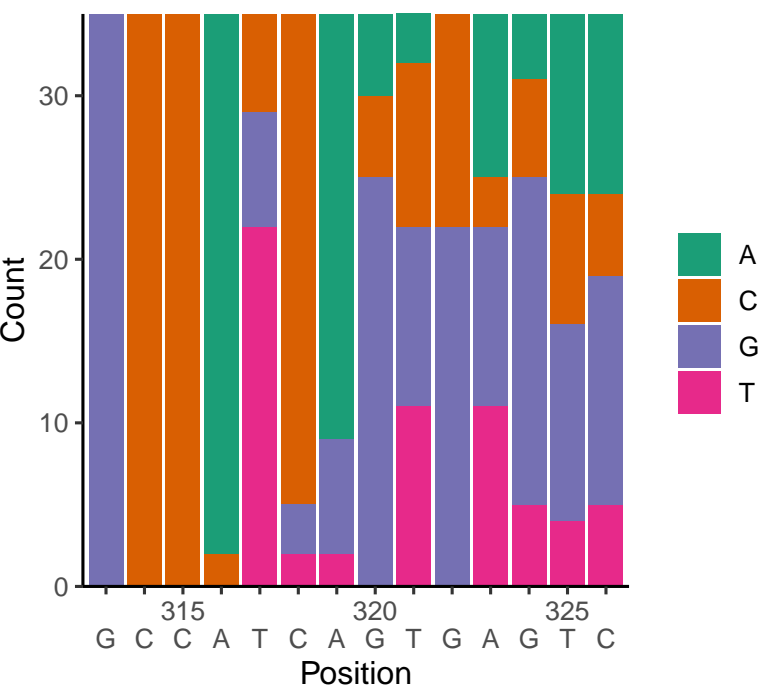
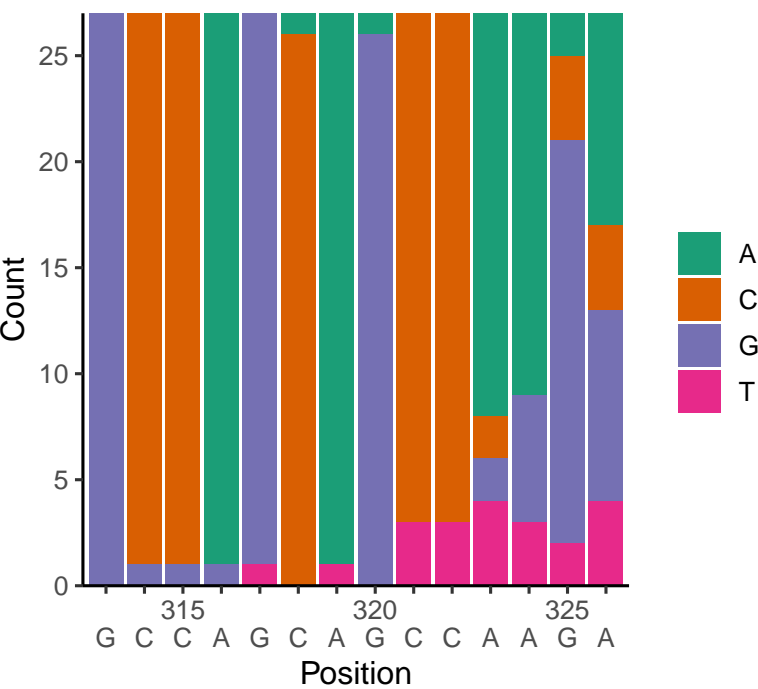


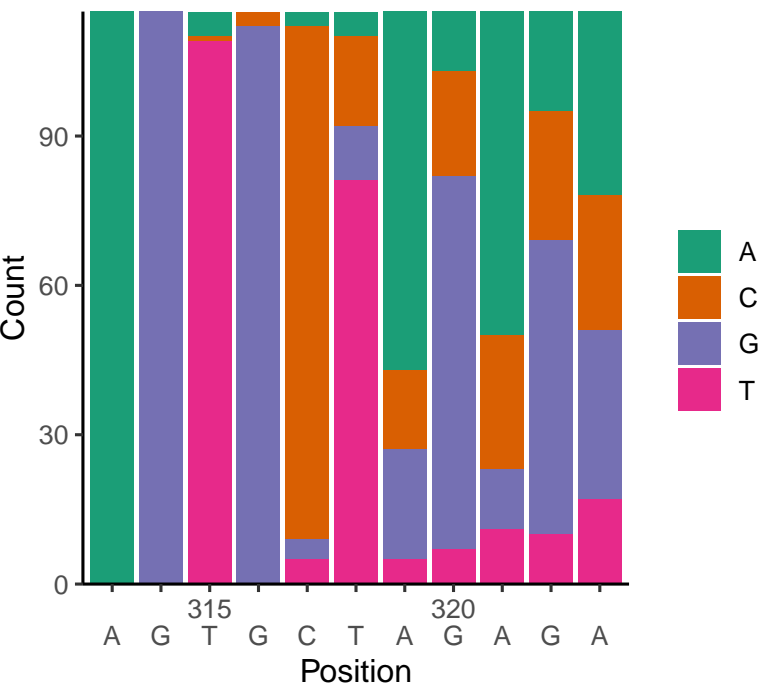
Gene TRBV10-3*bp02_313GCCATCAGTGAGTC326



Gene TRBV14*bp02_322CAAGA326



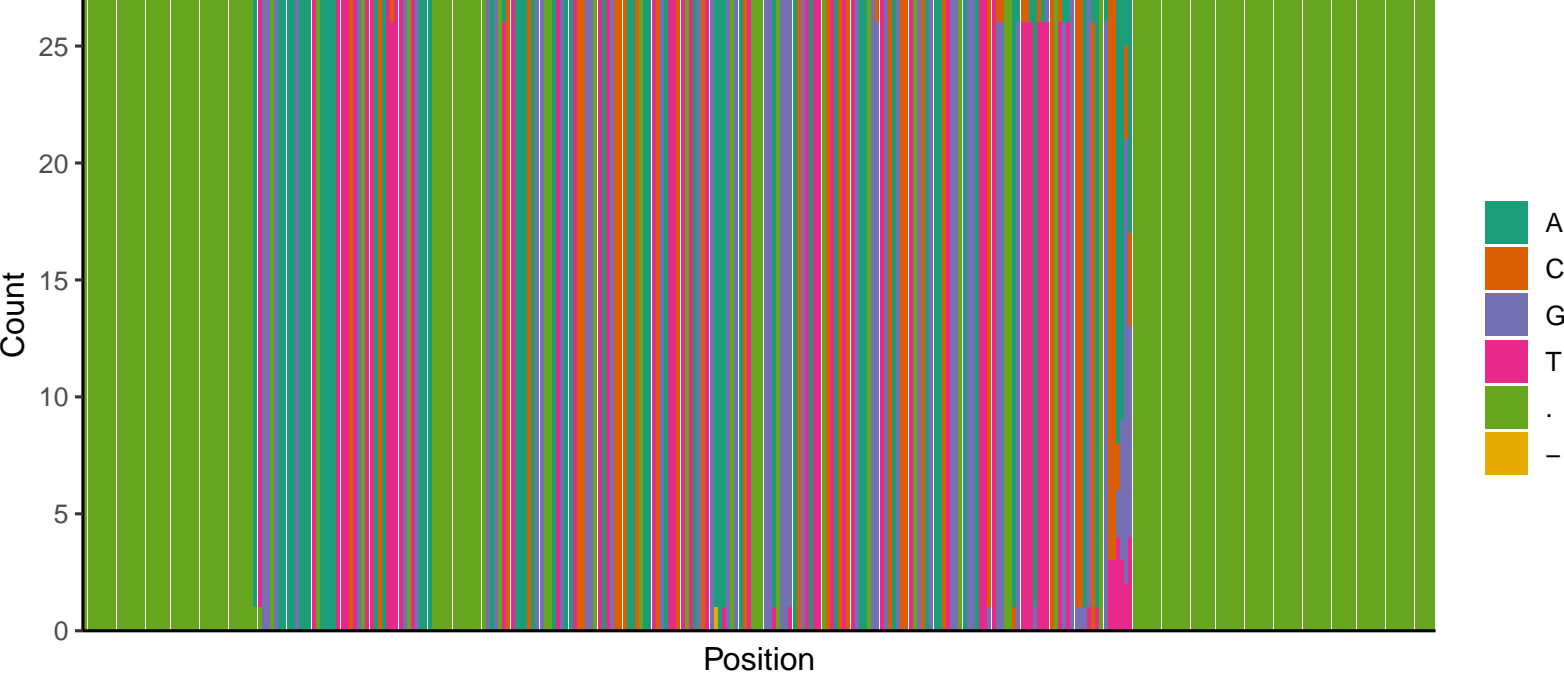
Gene TRBV20-1*bp04_322GA323



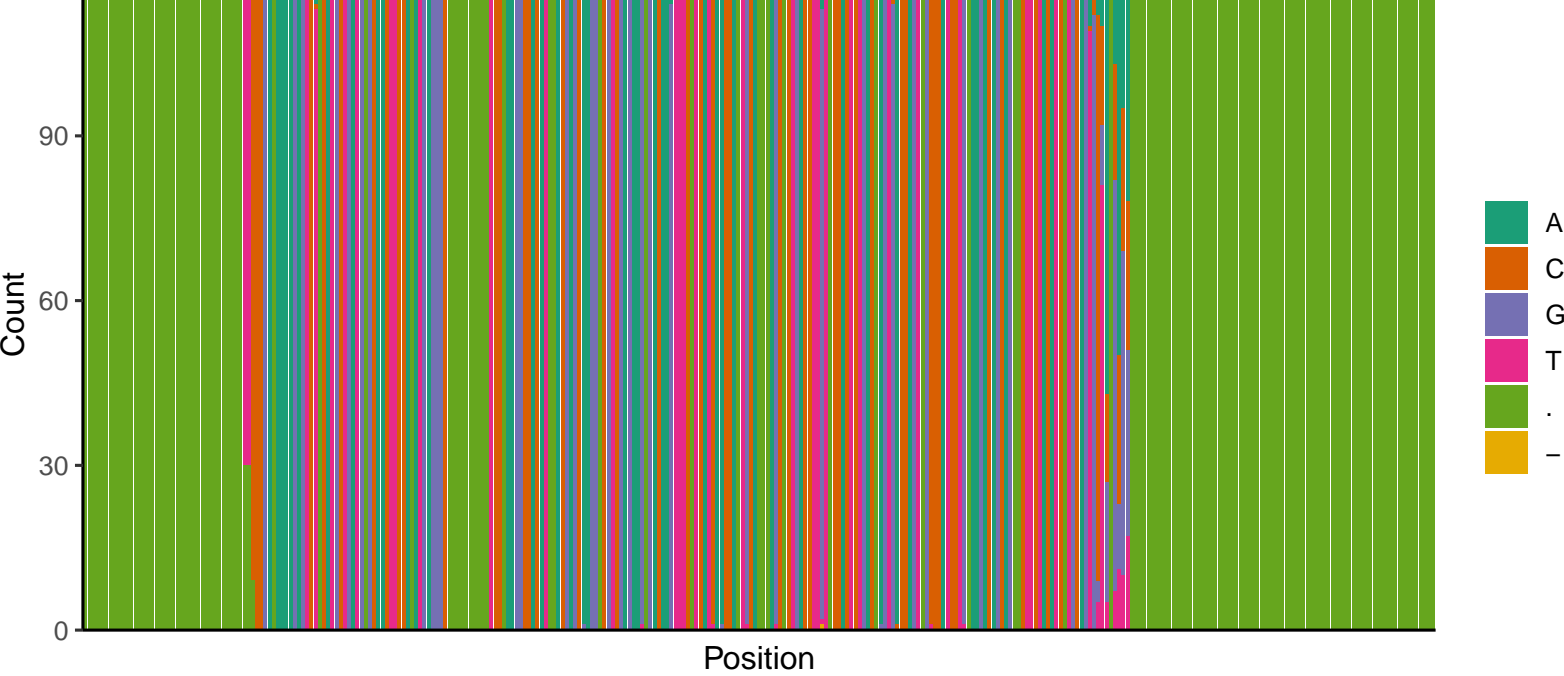
Gene TRBV10-3*bp02_313GCCATCAGTGAGTC326



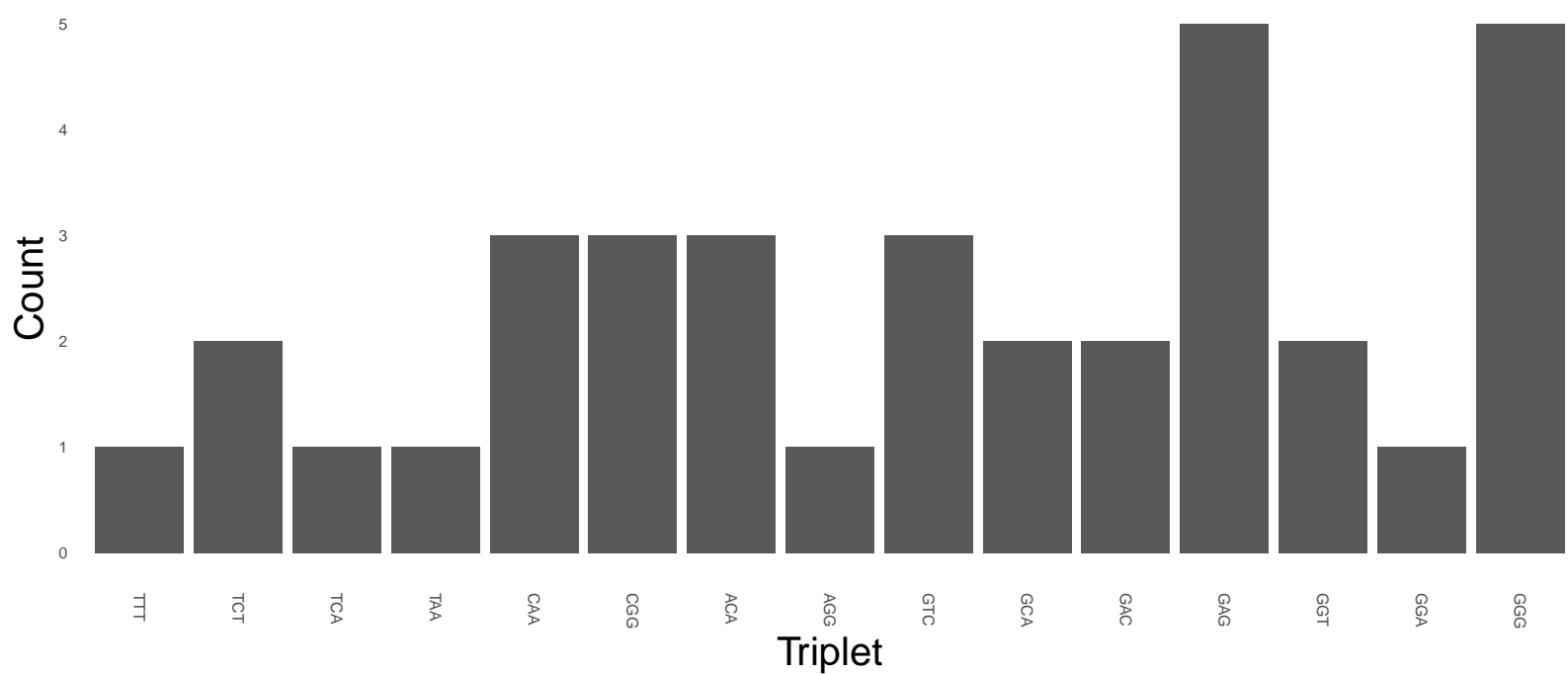
Gene TRBV14*bp02_322CAAGA326



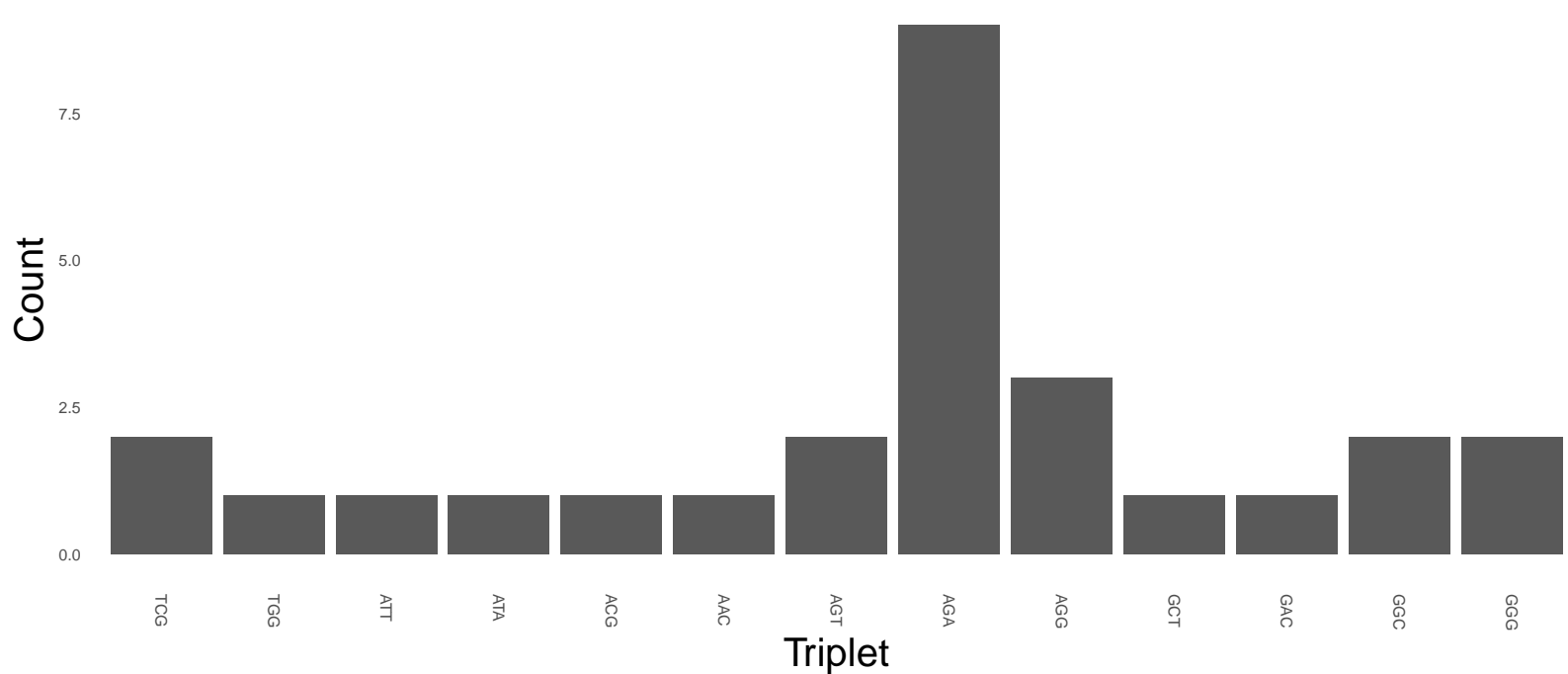
Gene TRBV20-1*bp04_322GA323



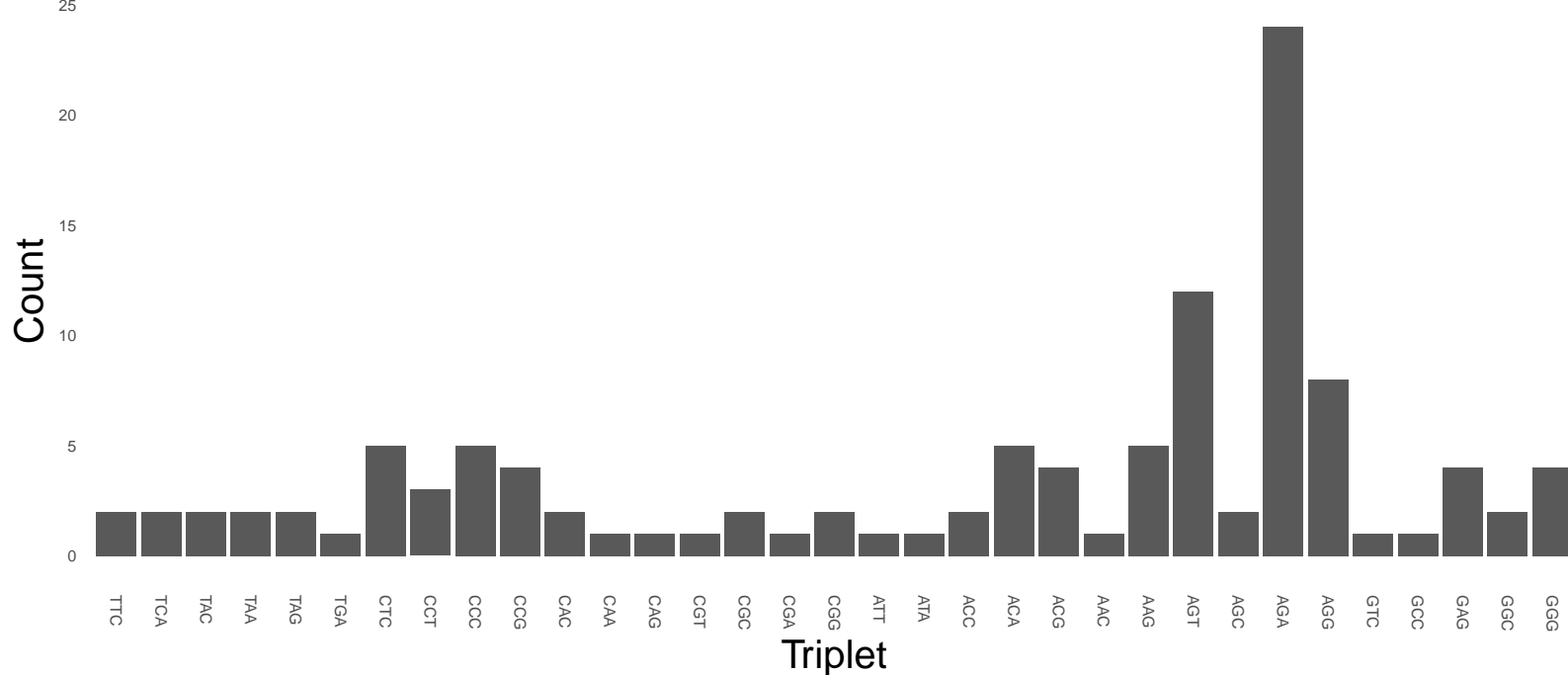
TRBV10–3*bp02_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



TRBV14*bp02_322CAAGA326– Final 3 nucleotides as a triplet

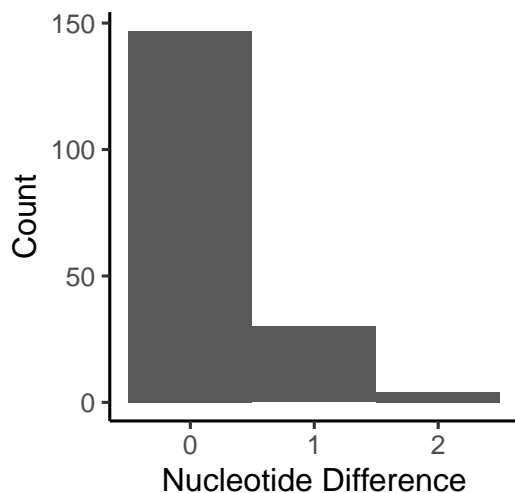


TRBV20–1*bp04_322GA323– Final 3 nucleotides as a triplet



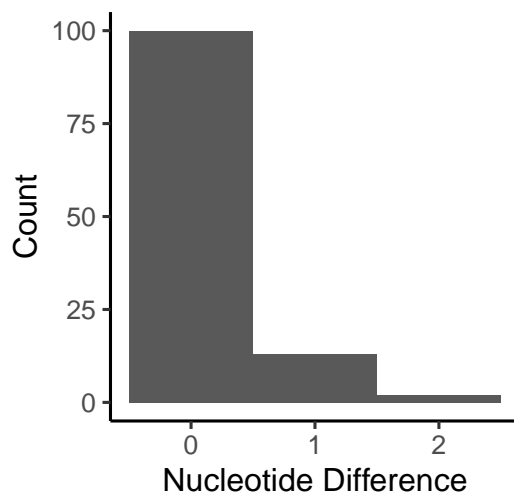
TRBV20–1*bp01

181 sequences assigned
147 (81.2%) exact matches, in which:
100 unique CDR3
13 unique J



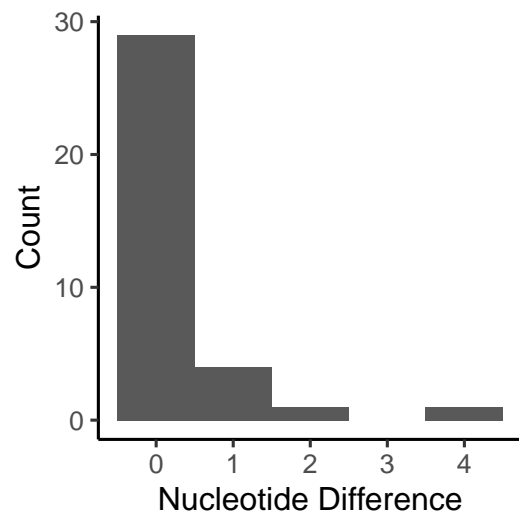
TRBV20–1*bp04_322GA:

115 sequences assigned
100 (87%) exact matches, in which:
73 unique CDR3
12 unique J



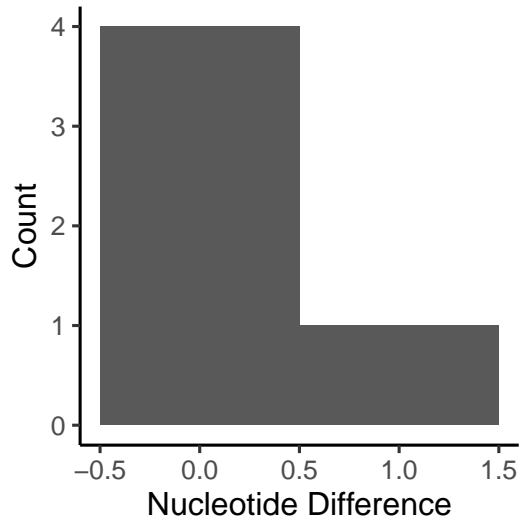
TRBV10–3*bp01

35 sequences assigned
29 (82.9%) exact matches, in which:
19 unique CDR3
10 unique J



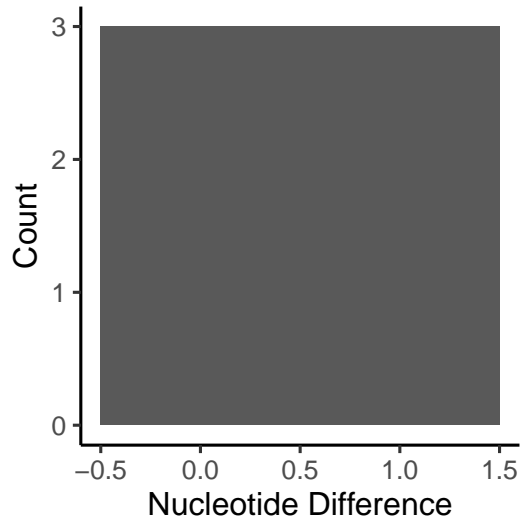
TRBV10–1*bp01

5 sequences assigned
4 (80%) exact matches, in which:
4 unique CDR3
3 unique J



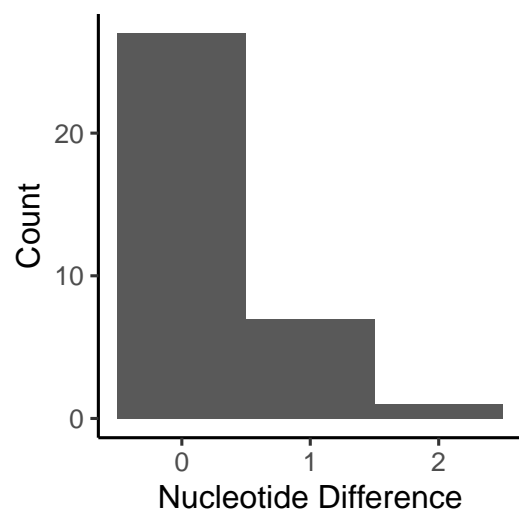
TRBV10–2*bp01

6 sequences assigned
3 (50%) exact matches, in which:
3 unique CDR3
2 unique J



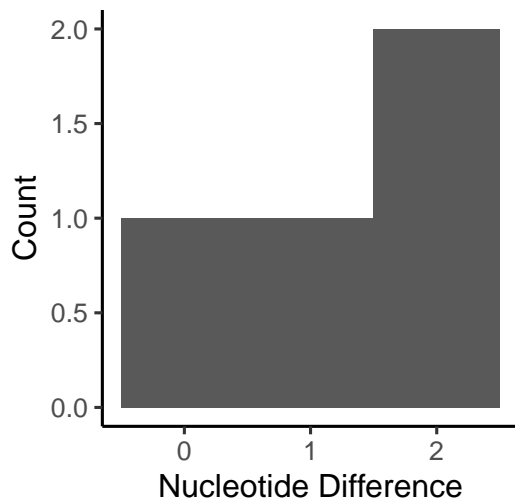
TRBV10–3*bp02_313GCC

35 sequences assigned
27 (77.1%) exact matches, in which:
18 unique CDR3
8 unique J



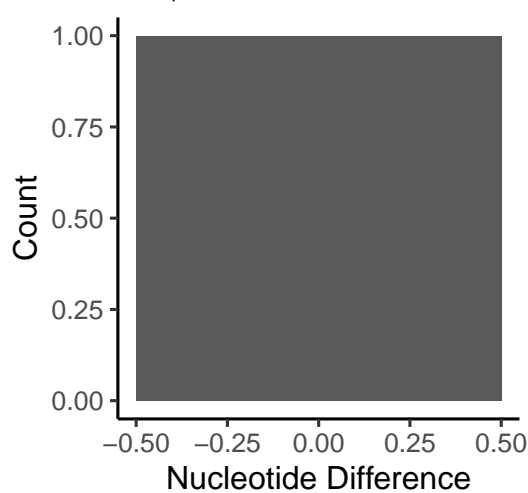
TRBV10–1*bp02

4 sequences assigned
1 (25%) exact matches, in which:
1 unique CDR3
1 unique J



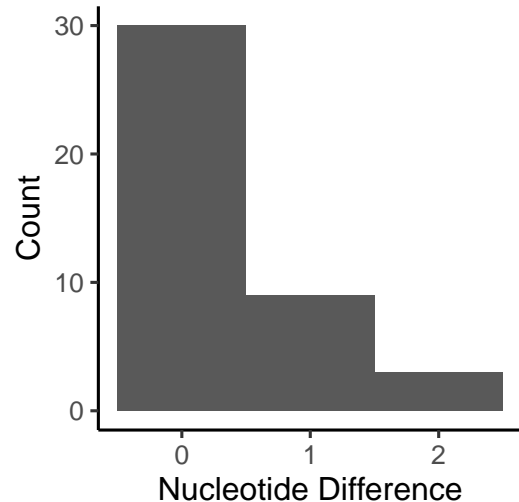
TRBV10–2*bp02

1 sequences assigned
1 (100%) exact matches, in which:
1 unique CDR3
1 unique J



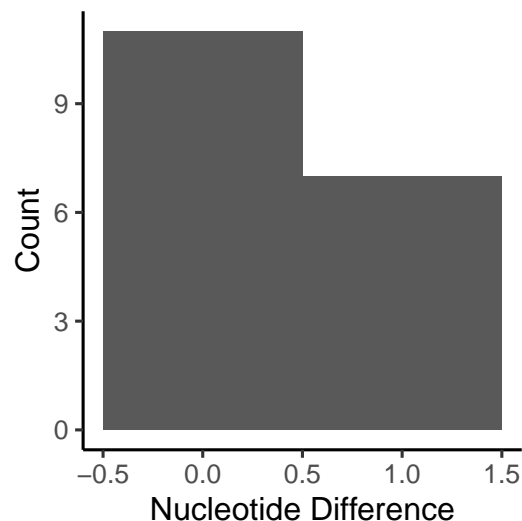
TRBV13*bp01

42 sequences assigned
30 (71.4%) exact matches, in which:
23 unique CDR3
9 unique J



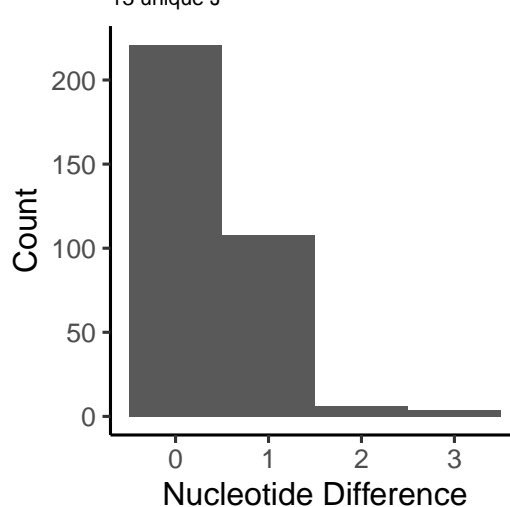
TRBV14*bp01

18 sequences assigned
11 (61.1%) exact matches, in which:
11 unique CDR3
7 unique J



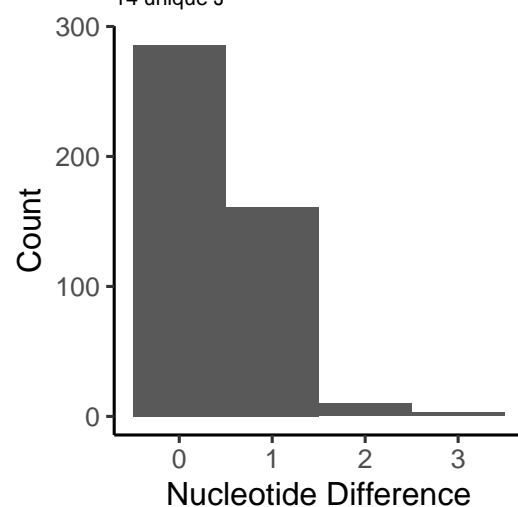
TRBV18*bp01

339 sequences assigned
221 (65.2%) exact matches, in which:
113 unique CDR3
13 unique J



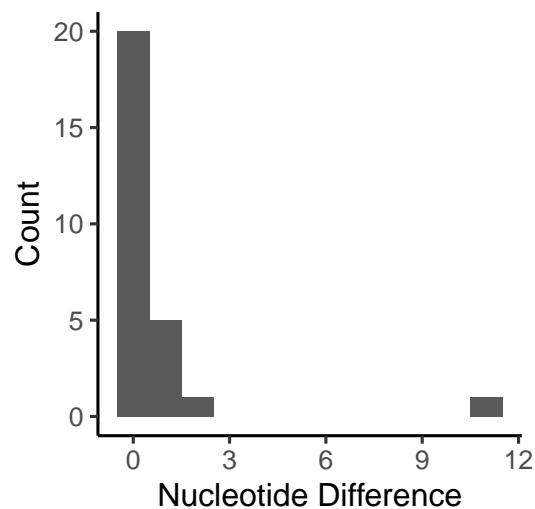
TRBV27*bp01

460 sequences assigned
286 (62.2%) exact matches, in which:
211 unique CDR3
14 unique J



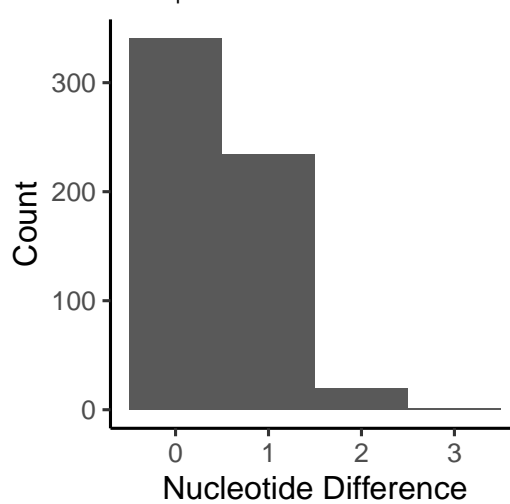
TRBV14*bp02_322CAAG/

27 sequences assigned
20 (74.1%) exact matches, in which:
18 unique CDR3
8 unique J



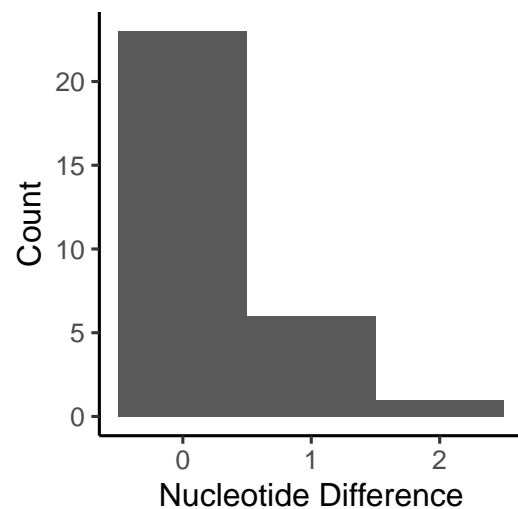
TRBV19*bp01

596 sequences assigned
341 (57.2%) exact matches, in which:
192 unique CDR3
14 unique J



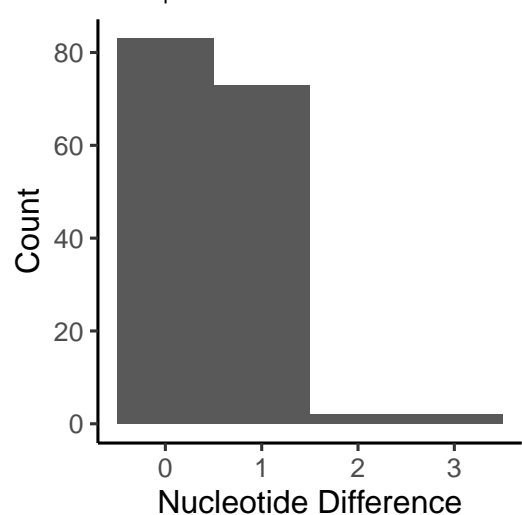
TRBV28*bp01

30 sequences assigned
23 (76.7%) exact matches, in which:
22 unique CDR3
10 unique J



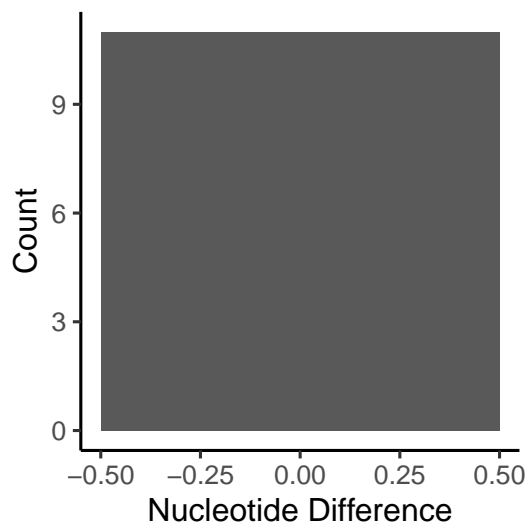
TRBV15*bp02

160 sequences assigned
83 (51.9%) exact matches, in which:
42 unique CDR3
11 unique J



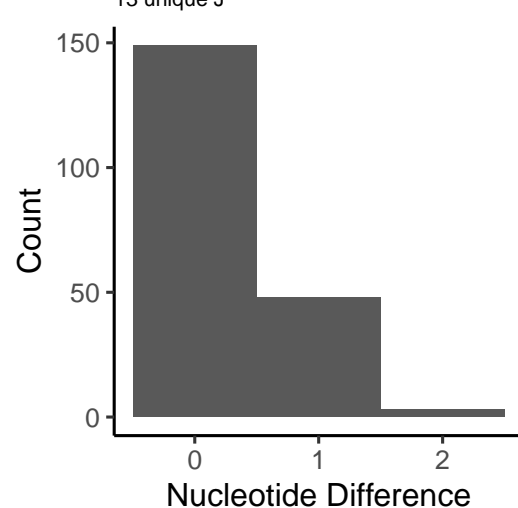
TRBV2*bp01

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



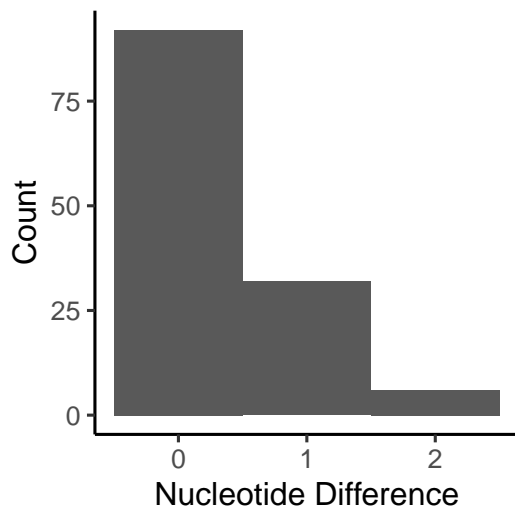
TRBV30*bp01

200 sequences assigned
149 (74.5%) exact matches, in which:
60 unique CDR3
13 unique J



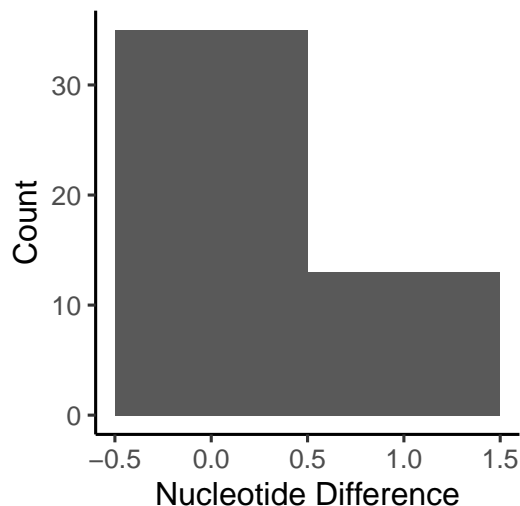
TRBV30*bp02

130 sequences assigned
92 (70.8%) exact matches, in which:
36 unique CDR3
11 unique J



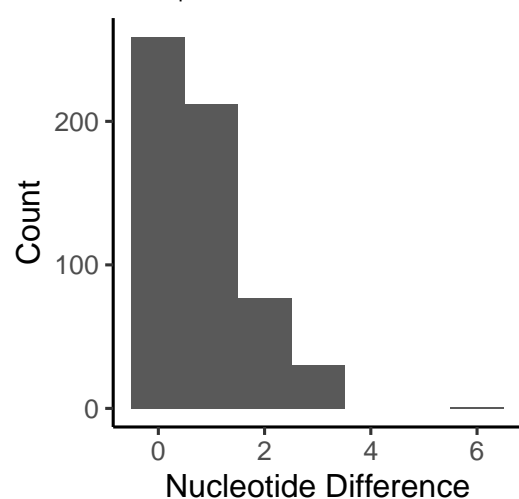
TRBV21-1*bp01

48 sequences assigned
35 (72.9%) exact matches, in which:
23 unique CDR3
10 unique J



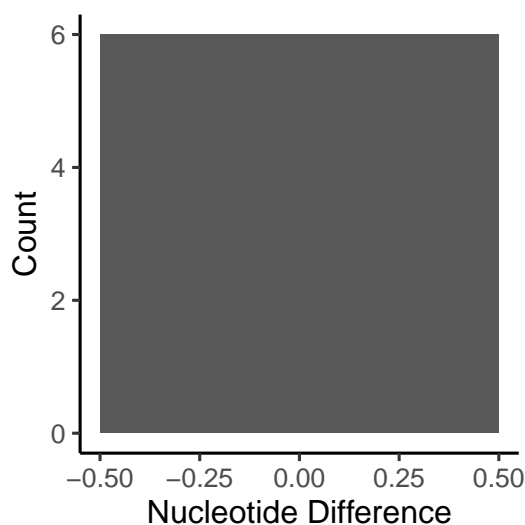
TRBV11-3*bp01

579 sequences assigned
259 (44.7%) exact matches, in which:
155 unique CDR3
12 unique J



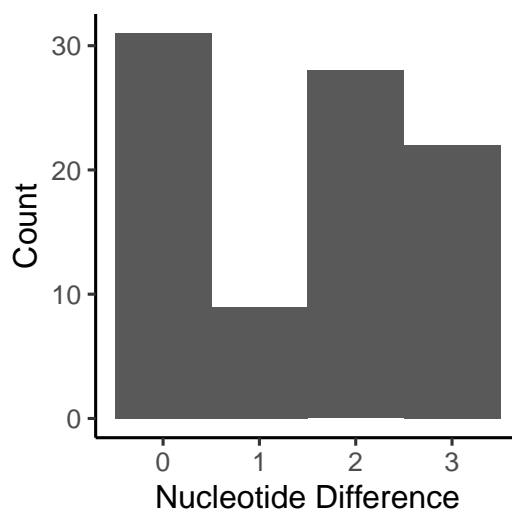
TRBV9*bp01

6 sequences assigned
6 (100%) exact matches, in which:
5 unique CDR3
3 unique J



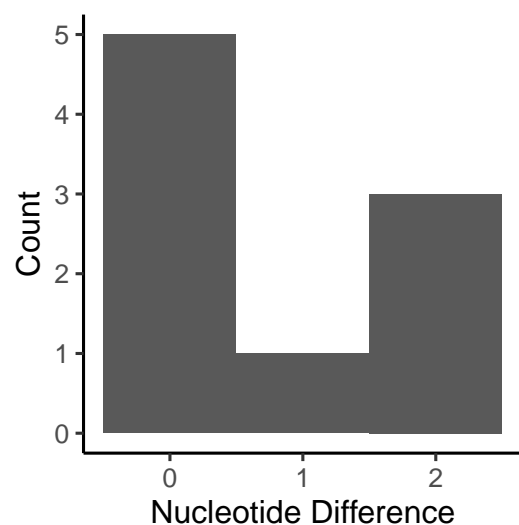
TRBV11-2*bp01

90 sequences assigned
31 (34.4%) exact matches, in which:
23 unique CDR3
9 unique J



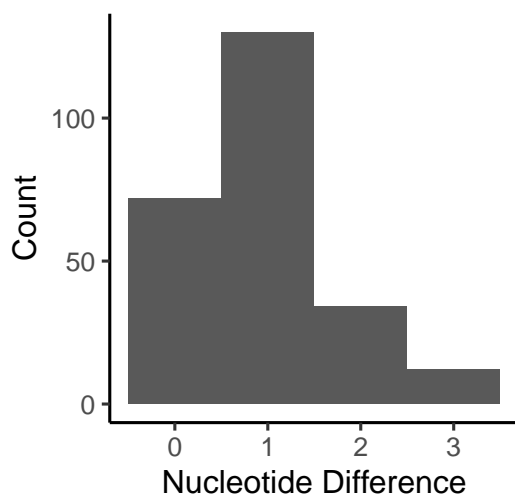
TRBV12-5*bp01

9 sequences assigned
5 (55.6%) exact matches, in which:
4 unique CDR3
3 unique J



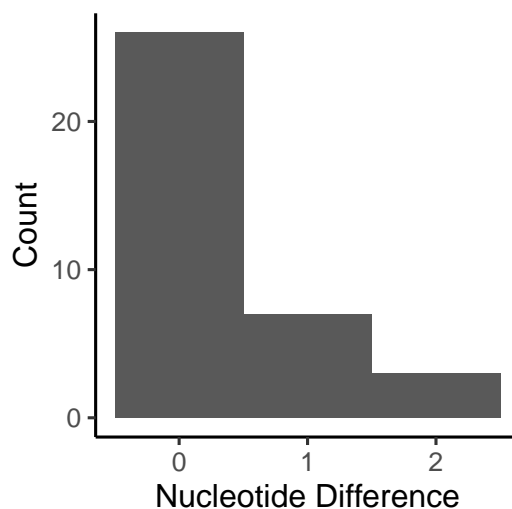
TRBV11-1*bp01

248 sequences assigned
72 (29%) exact matches, in which:
50 unique CDR3
10 unique J



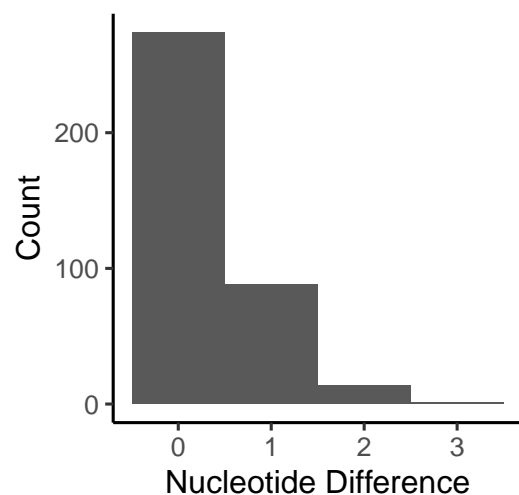
TRBV11-2*bp03

36 sequences assigned
26 (72.2%) exact matches, in which:
18 unique CDR3
6 unique J



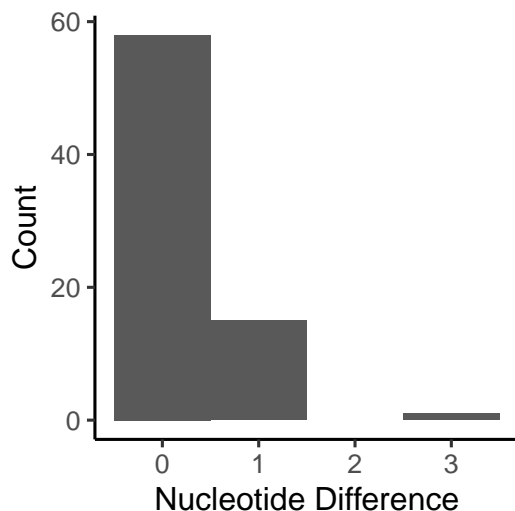
TRBV12-34*bp01

377 sequences assigned
274 (72.7%) exact matches, in which:
160 unique CDR3
13 unique J



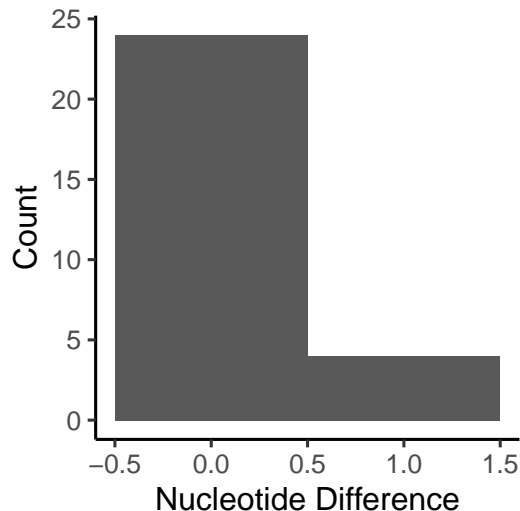
TRBV24-1*bp01

74 sequences assigned
58 (78.4%) exact matches, in which:
38 unique CDR3
11 unique J



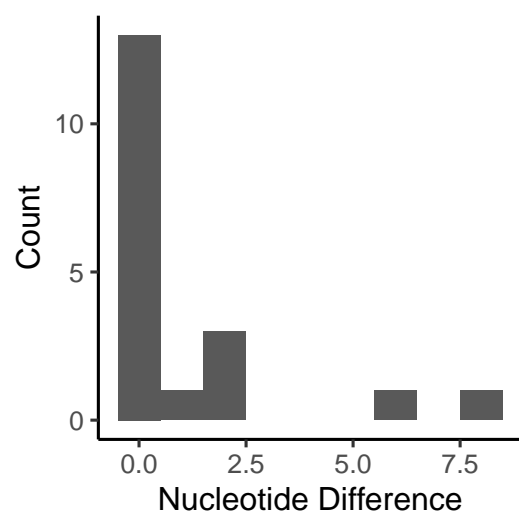
TRBV4-3*bp01

28 sequences assigned
24 (85.7%) exact matches, in which:
17 unique CDR3
10 unique J



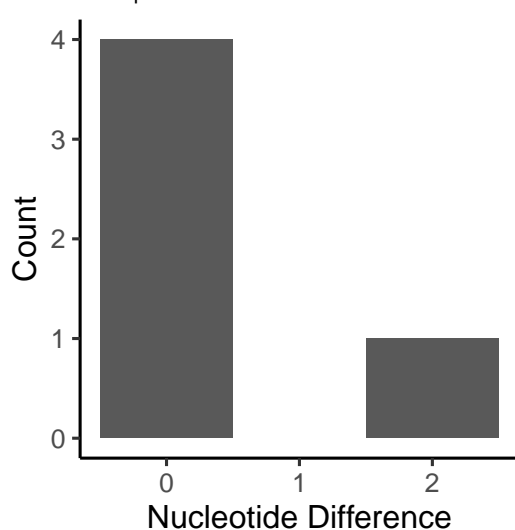
TRBV5-3*bp01

19 sequences assigned
13 (68.4%) exact matches, in which:
9 unique CDR3
6 unique J



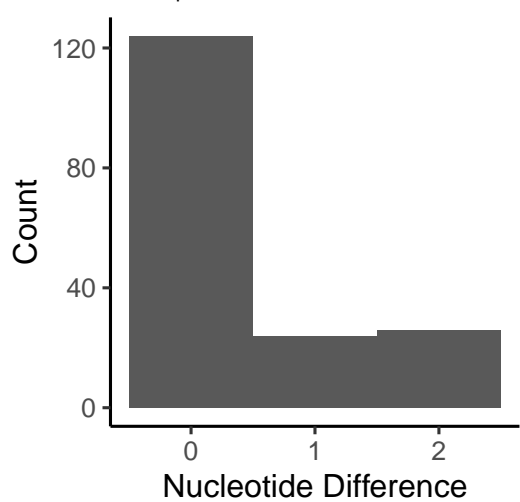
TRBV4-1*bp01

5 sequences assigned
4 (80%) exact matches, in which:
4 unique CDR3
4 unique J



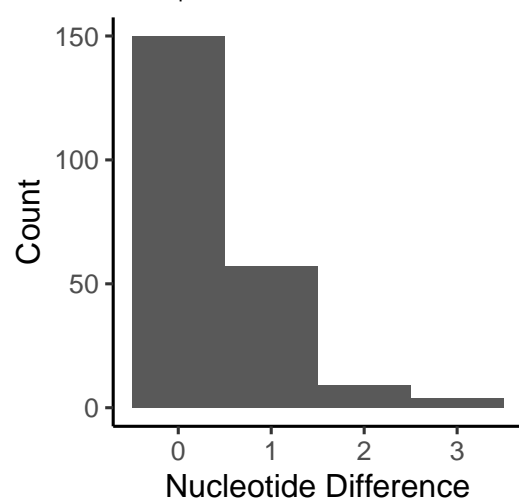
TRBV5-1*bp01

174 sequences assigned
124 (71.3%) exact matches, in which:
90 unique CDR3
14 unique J



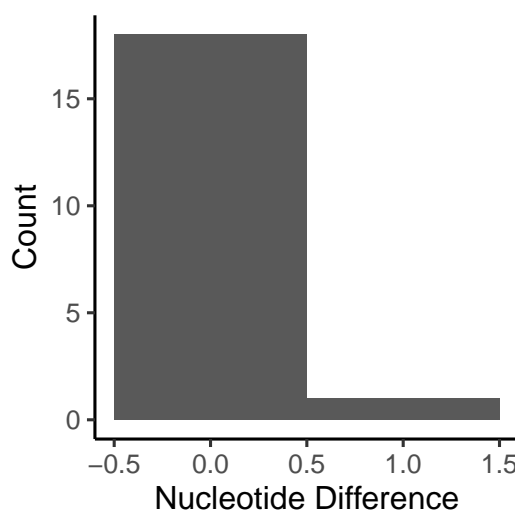
TRBV5-4*bp01

220 sequences assigned
150 (68.2%) exact matches, in which:
97 unique CDR3
13 unique J



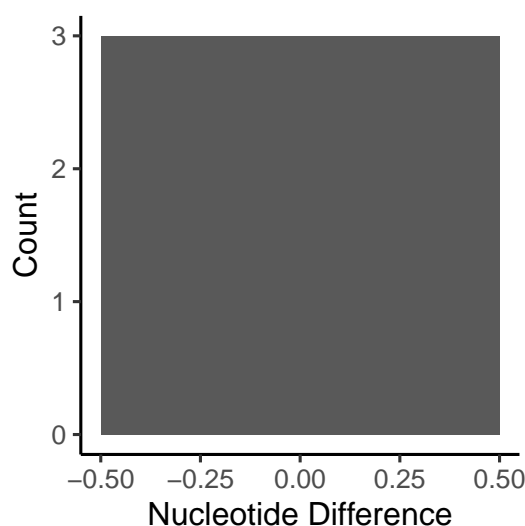
TRBV4-2*bp01

19 sequences assigned
18 (94.7%) exact matches, in which:
14 unique CDR3
7 unique J



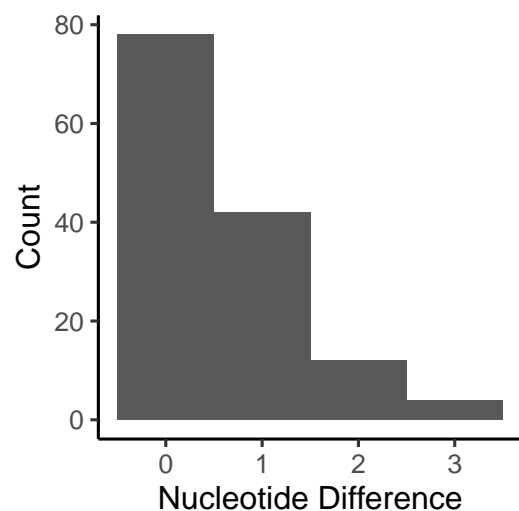
TRBV25-1*bp01

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



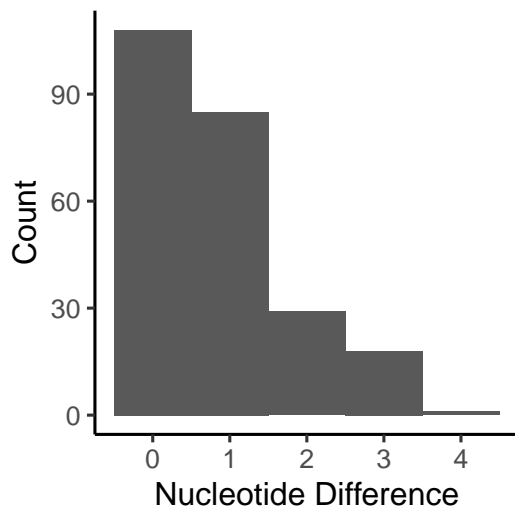
TRBV5-5*bp01

136 sequences assigned
78 (57.4%) exact matches, in which:
38 unique CDR3
7 unique J



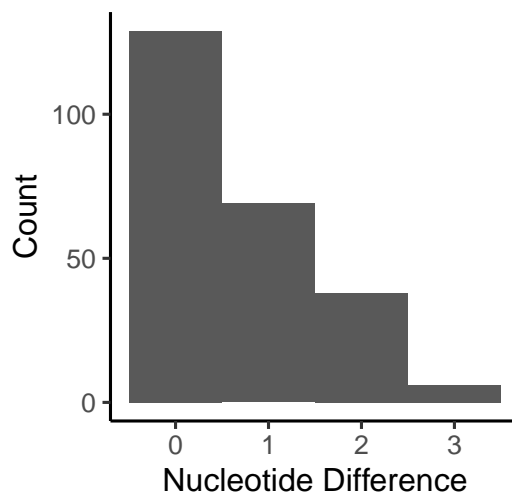
TRBV5–6*bp01

241 sequences assigned
108 (44.8%) exact matches, in which:
71 unique CDR3
13 unique J



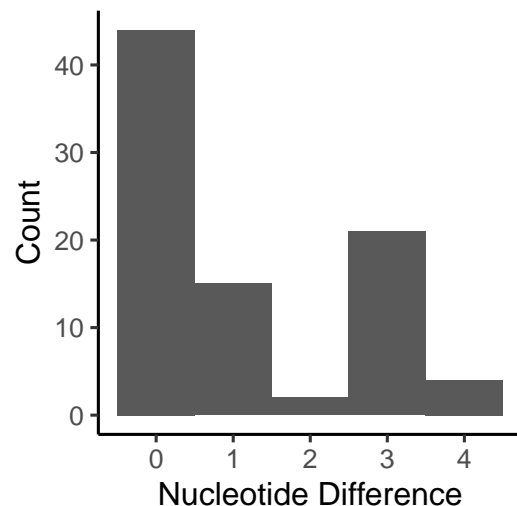
TRBV6–1*bp01

242 sequences assigned
129 (53.3%) exact matches, in which:
104 unique CDR3
13 unique J



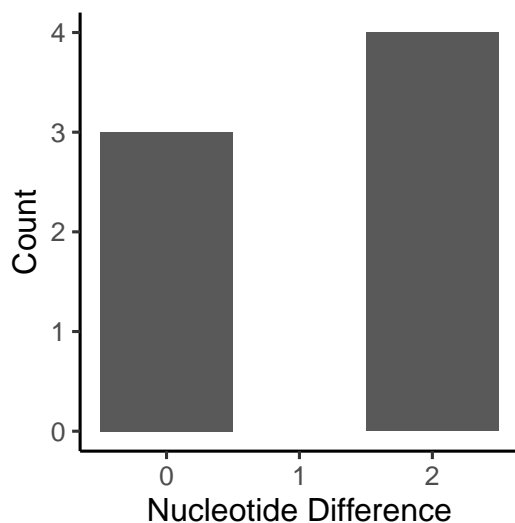
TRBV6–6*bp01

86 sequences assigned
44 (51.2%) exact matches, in which:
34 unique CDR3
11 unique J



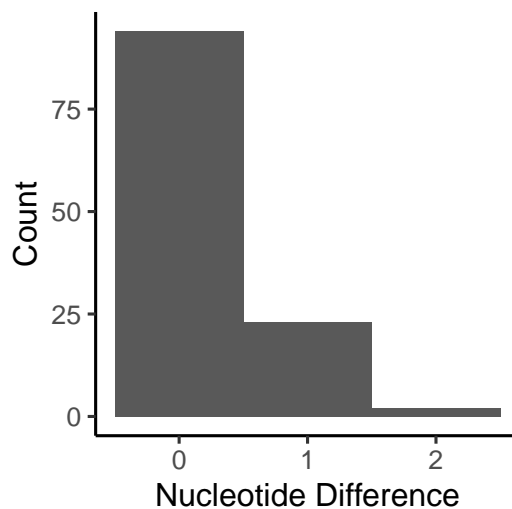
TRBV5–7*bp01

7 sequences assigned
3 (42.9%) exact matches, in which:
1 unique CDR3
1 unique J



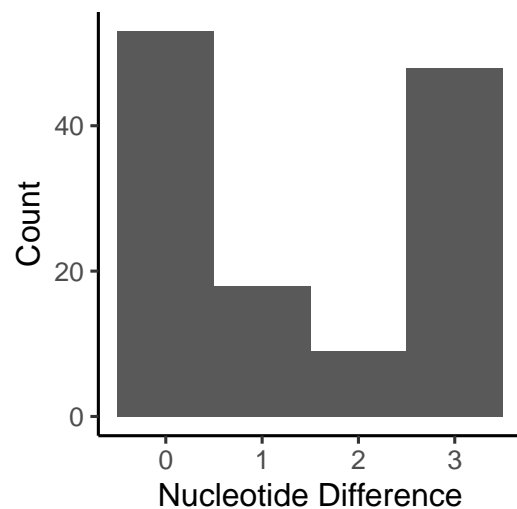
TRBV6–4*bp01

119 sequences assigned
94 (79%) exact matches, in which:
69 unique CDR3
13 unique J



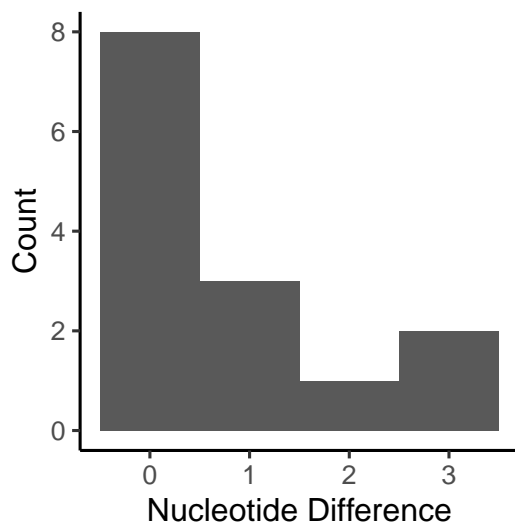
TRBV6–6*bp02

128 sequences assigned
53 (41.4%) exact matches, in which:
48 unique CDR3
12 unique J



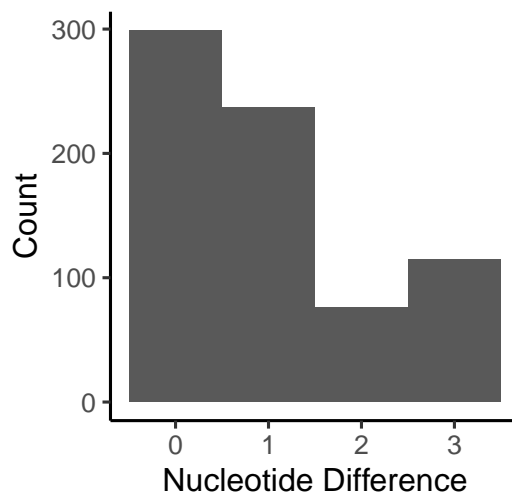
TRBV5–8*bp01

14 sequences assigned
8 (57.1%) exact matches, in which:
7 unique CDR3
5 unique J



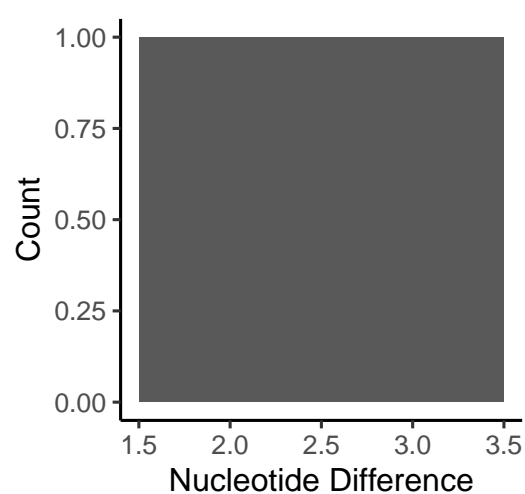
TRBV6–5*bp01

727 sequences assigned
299 (41.1%) exact matches, in which:
223 unique CDR3
13 unique J



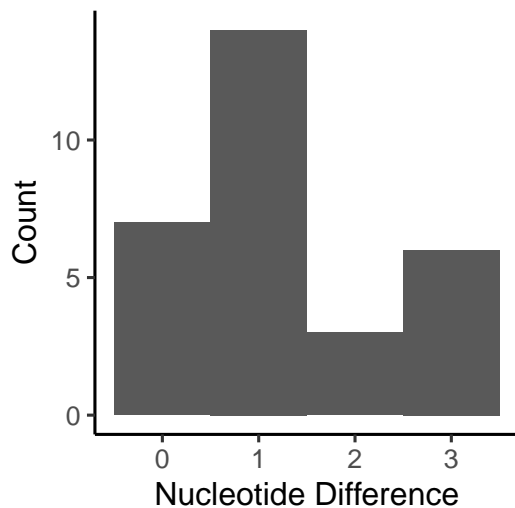
TRBV6–7*bp01

2 sequences assigned
No exact matches.



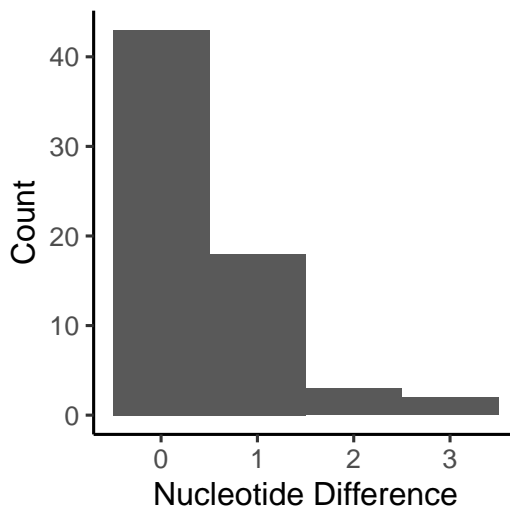
TRBV6–8*bp01

30 sequences assigned
7 (23.3%) exact matches, in which:
5 unique CDR3
4 unique J



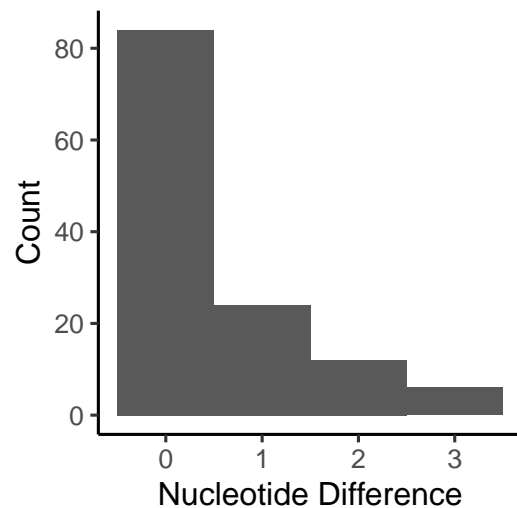
TRBV7–2*bp01

66 sequences assigned
43 (65.2%) exact matches, in which:
35 unique CDR3
10 unique J



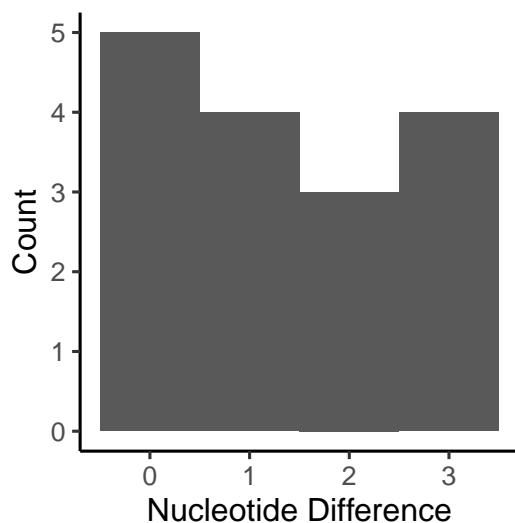
TRBV7–6*bp01

126 sequences assigned
84 (66.7%) exact matches, in which:
45 unique CDR3
12 unique J



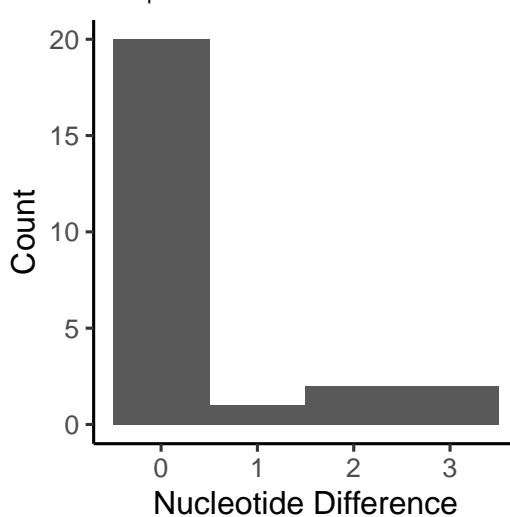
TRBV6–9*bp01

16 sequences assigned
5 (31.2%) exact matches, in which:
5 unique CDR3
3 unique J



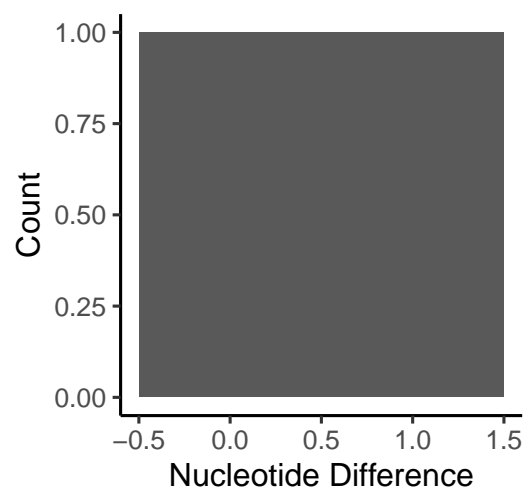
TRBV7–3*bp01

25 sequences assigned
20 (80%) exact matches, in which:
18 unique CDR3
6 unique J



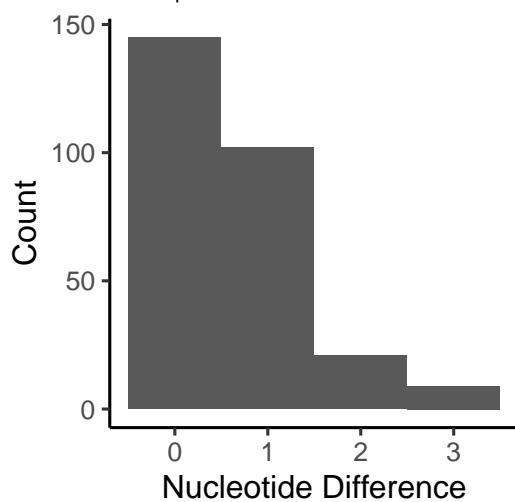
TRBV7–7*bp01

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



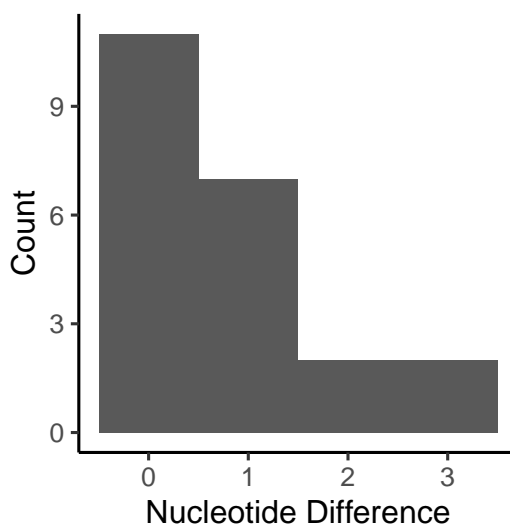
TRBV6–23*bp01

277 sequences assigned
145 (52.3%) exact matches, in which:
110 unique CDR3
13 unique J



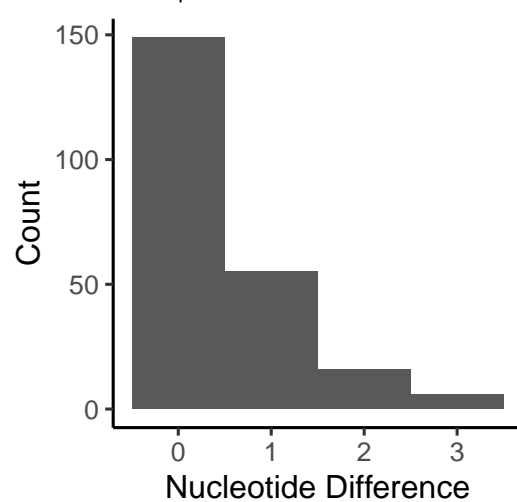
TRBV7–4*bp01

22 sequences assigned
11 (50%) exact matches, in which:
8 unique CDR3
5 unique J



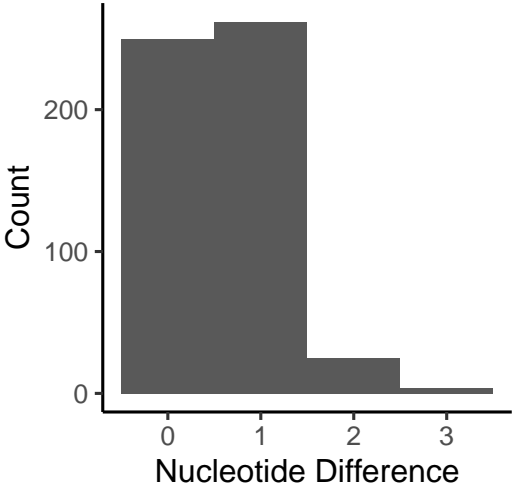
TRBV7–9*bp01

226 sequences assigned
149 (65.9%) exact matches, in which:
88 unique CDR3
13 unique J



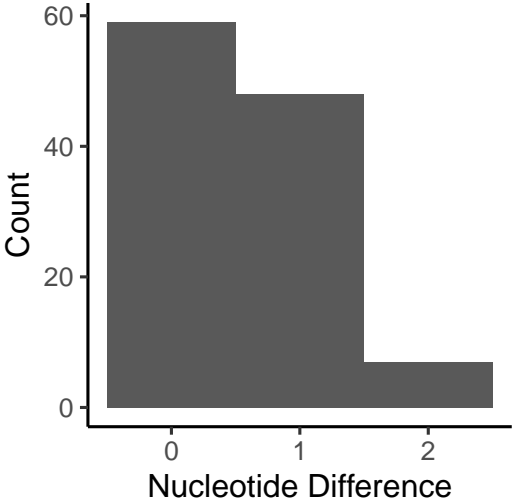
TRBV29–1*bp01

541 sequences assigned
250 (46.2%) exact matches, in which:
136 unique CDR3
12 unique J

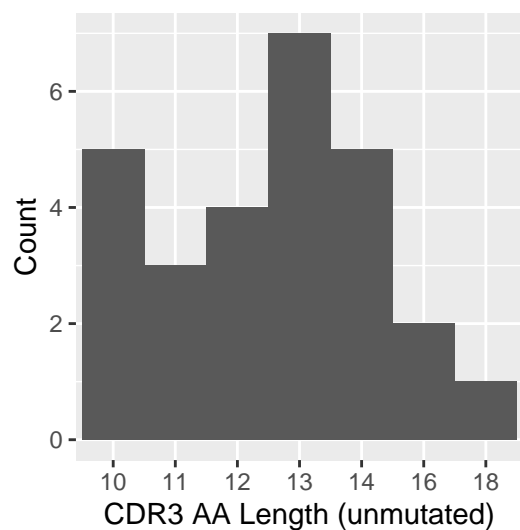


TRBV29–1*bp03

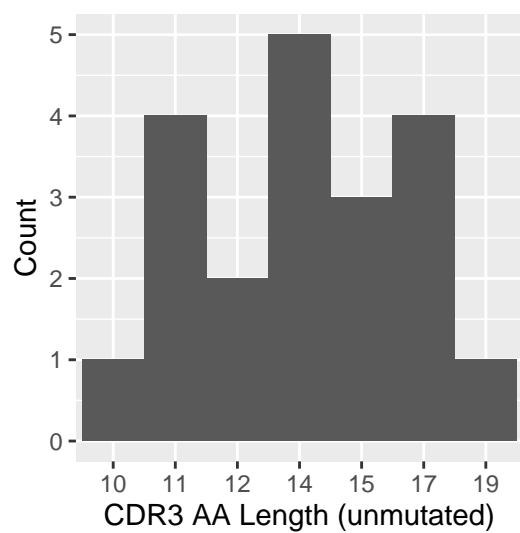
114 sequences assigned
59 (51.8%) exact matches, in which:
36 unique CDR3
7 unique J



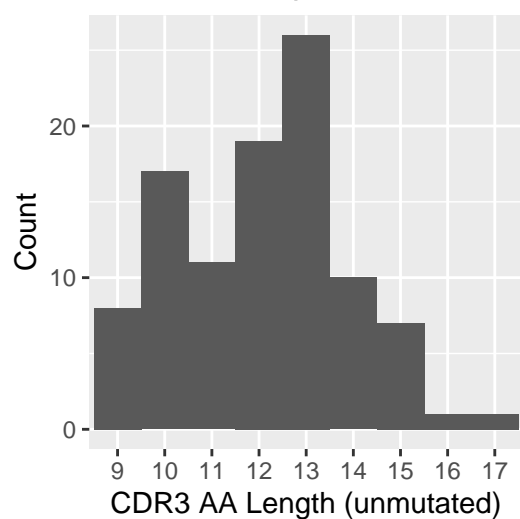
TRBV10-3*bp02_313GCCATCAGTGAGTC326

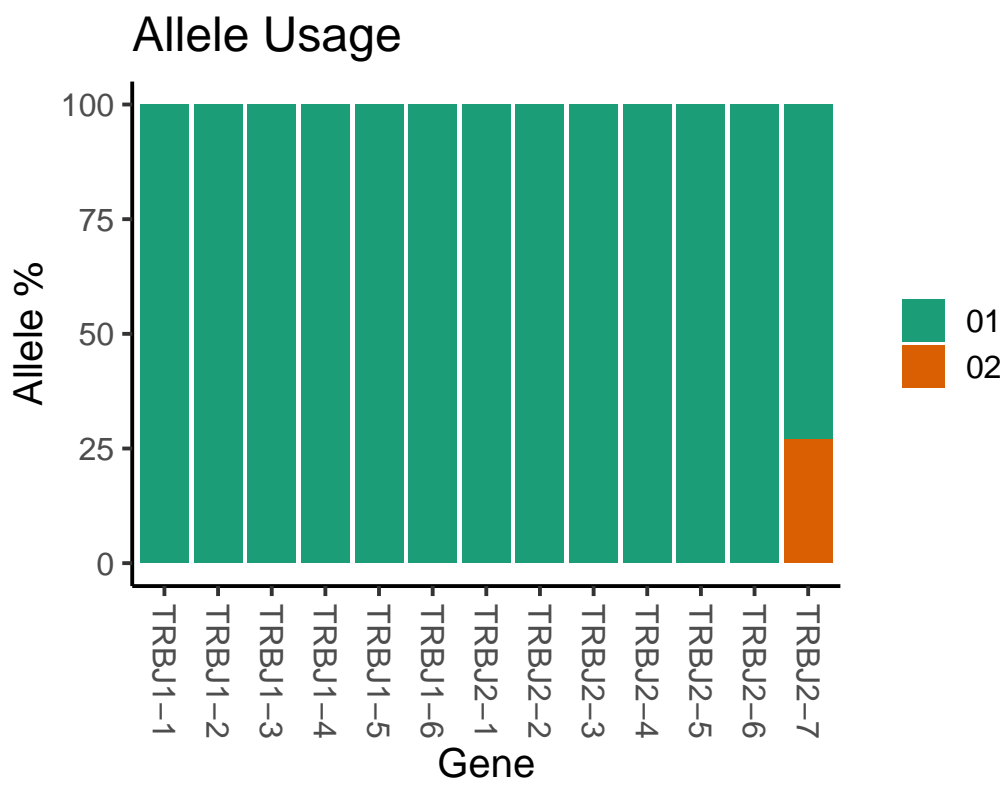


TRBV14*bp02_322CAAGA326



TRBV20-1*bp04_322GA323





Sequence Count by TRBJ2-7 allele usage



