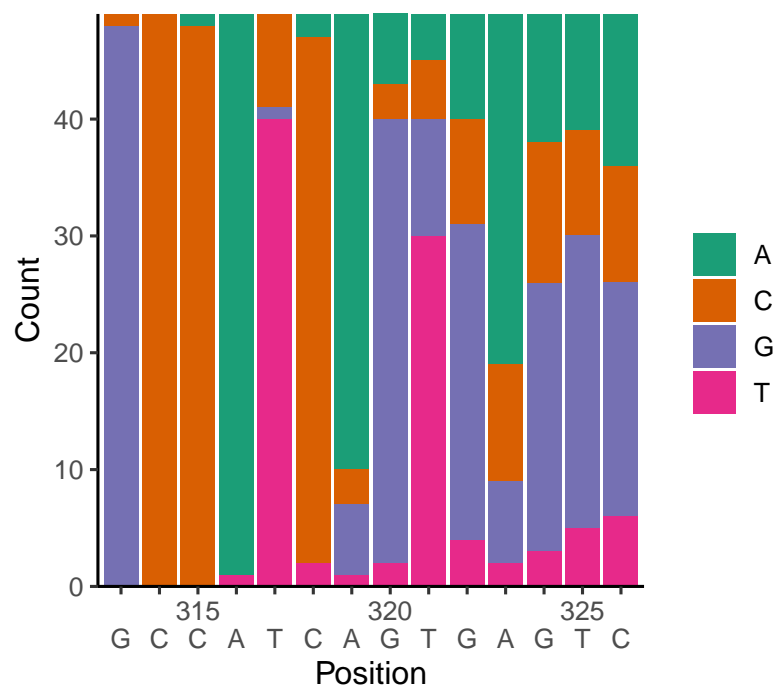
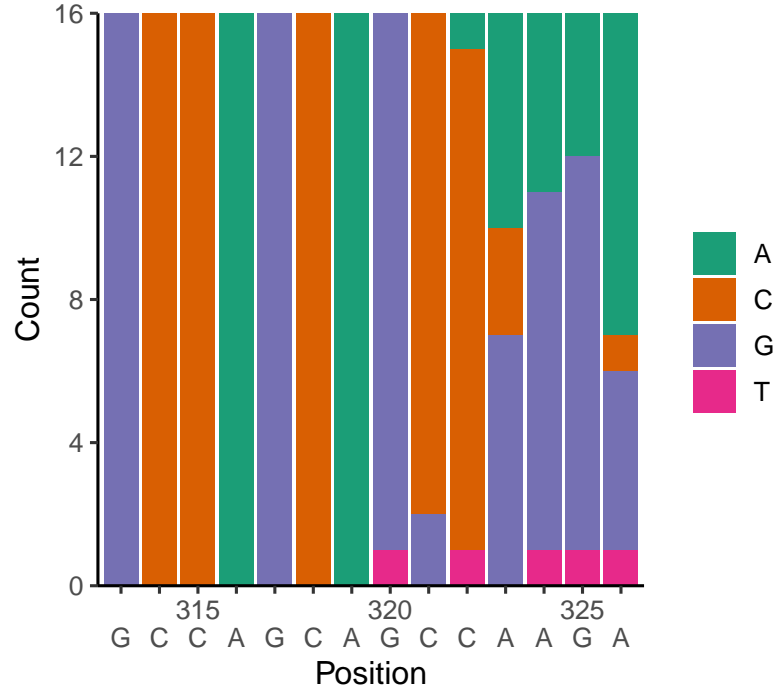


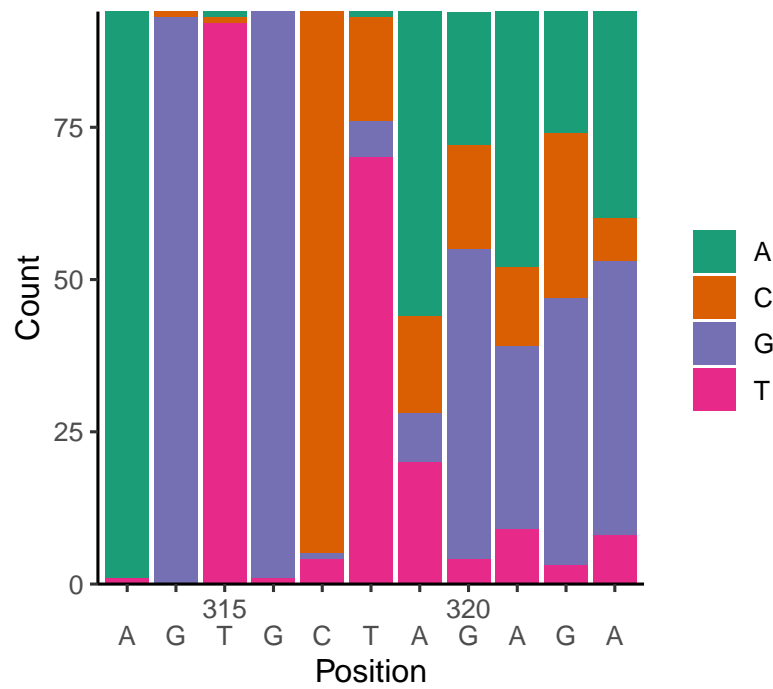
Gene TRBV10-3*bp02_313GCCATCAGTGAGTC326



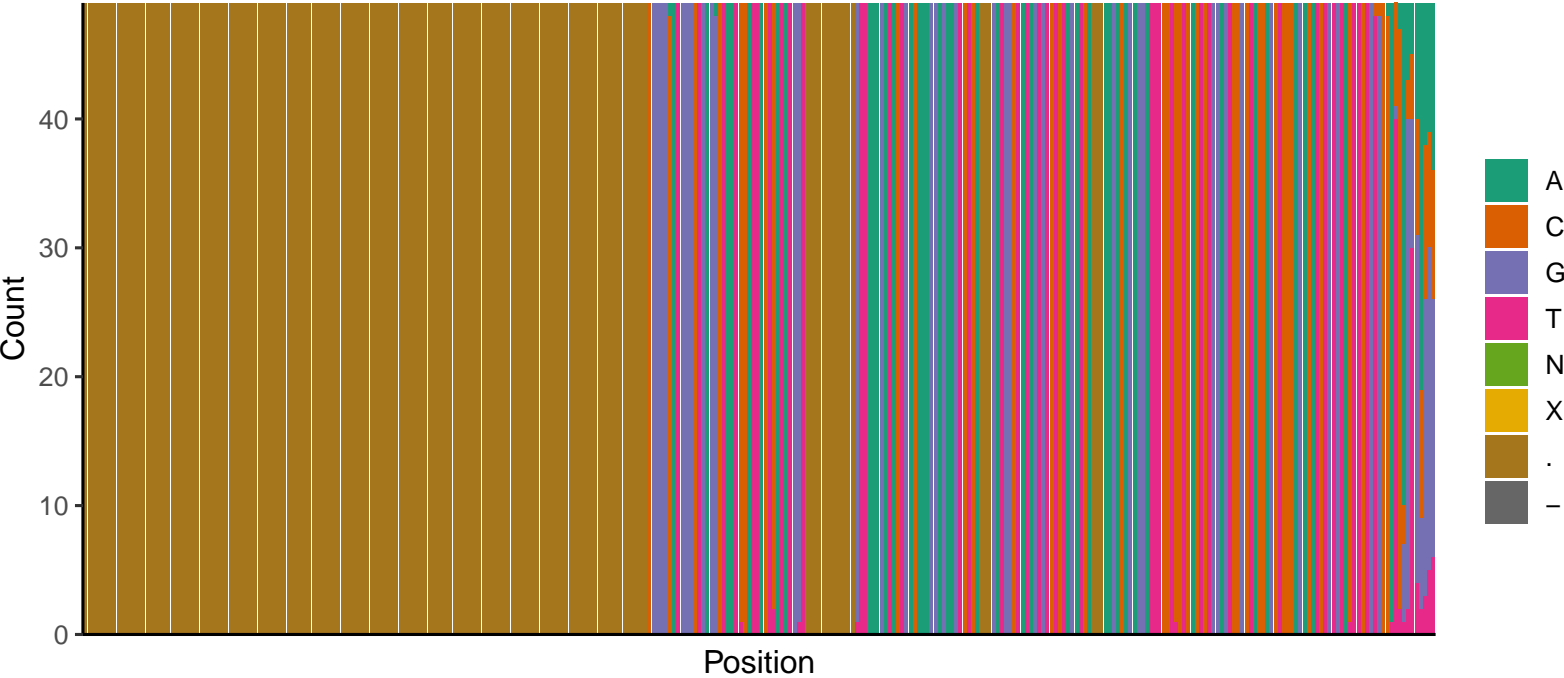
Gene TRBV14*bp02_322CAAGA326



Gene TRBV20-1*bp04_322GA323



Gene TRBV10-3*bp02_313GCCATCAGTGAGTC326



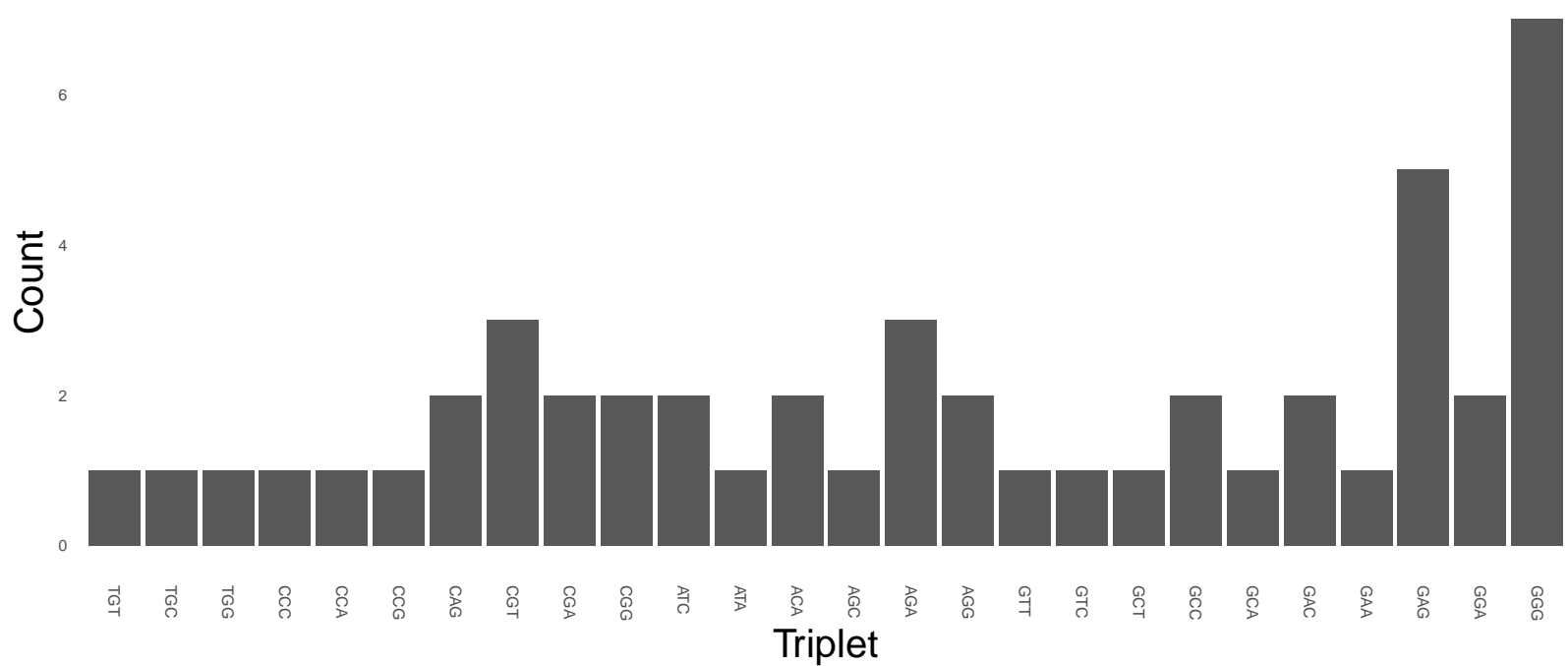
Gene TRBV14*bp02_322CAAGA326



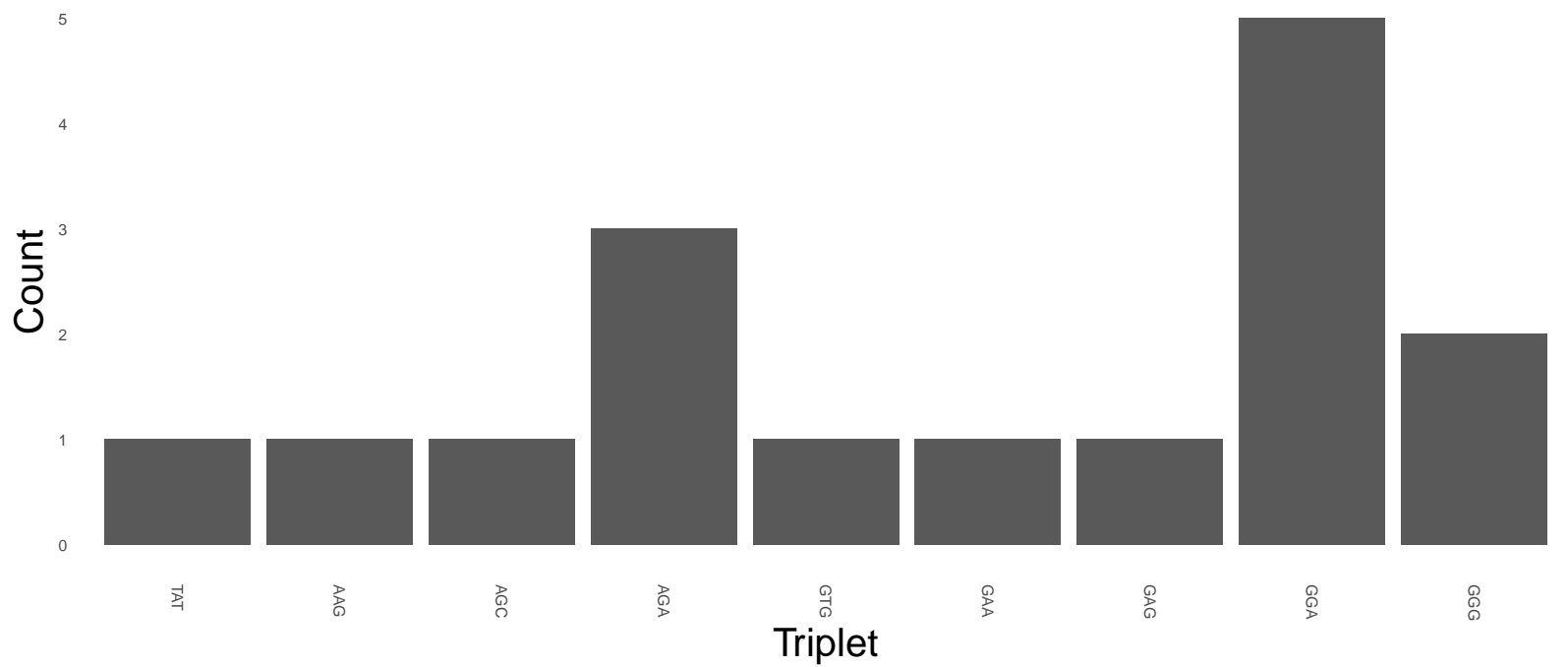
Gene TRBV20-1*bp04_322GA323



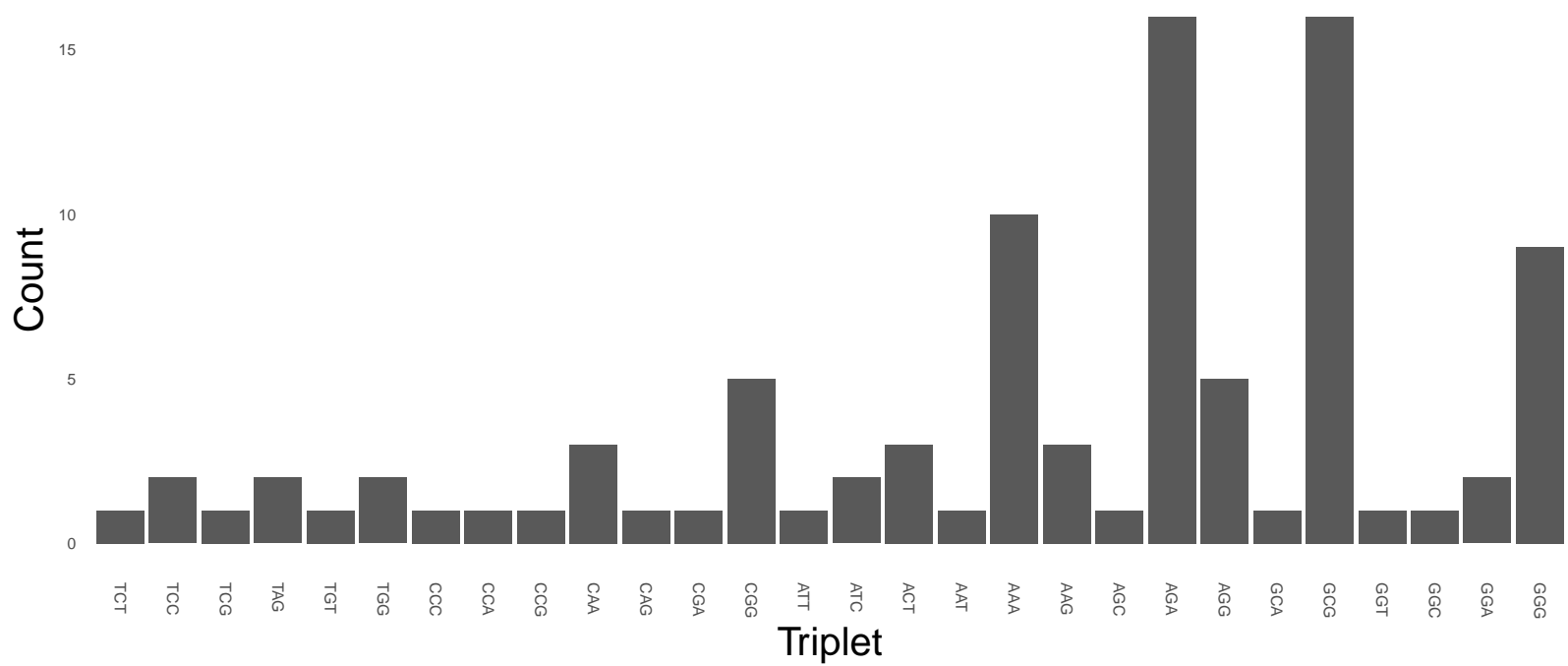
TRBV10–3*bp02_313GCCATCAGTGAGTC326– Final 3 nucleotides as a triplet



TRBV14*bp02_322CAAGA326– Final 3 nucleotides as a triplet

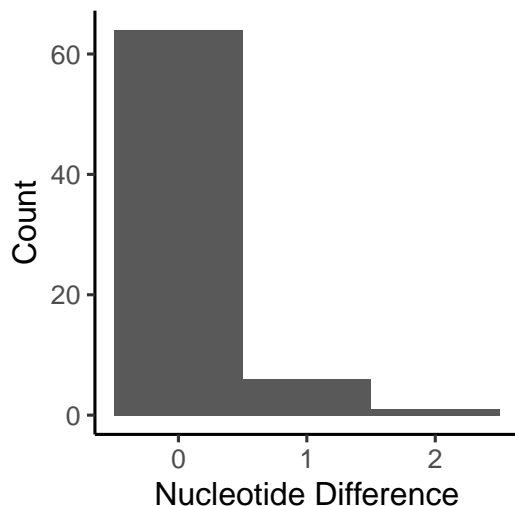


TRBV20–1*bp04_322GA323– Final 3 nucleotides as a triplet



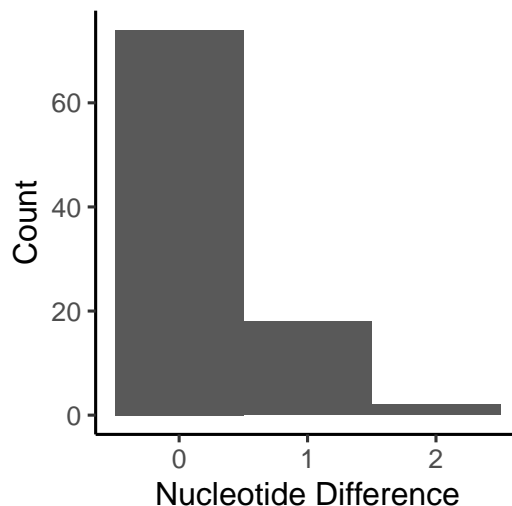
TRBV20–1*bp01

71 sequences assigned
64 (90.1%) exact matches, in which:
56 unique CDR3
12 unique J



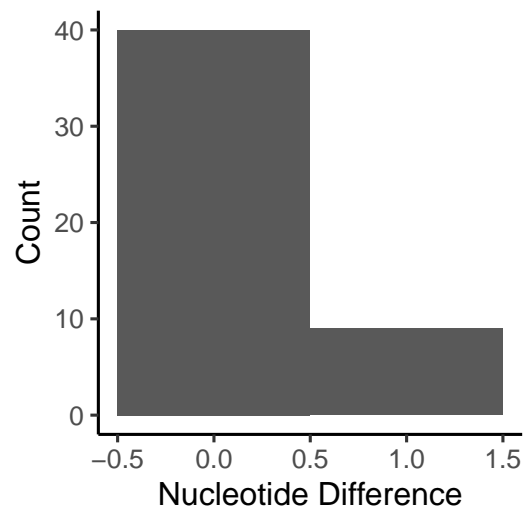
TRBV20–1*bp04_322GA3

94 sequences assigned
74 (78.7%) exact matches, in which:
65 unique CDR3
12 unique J



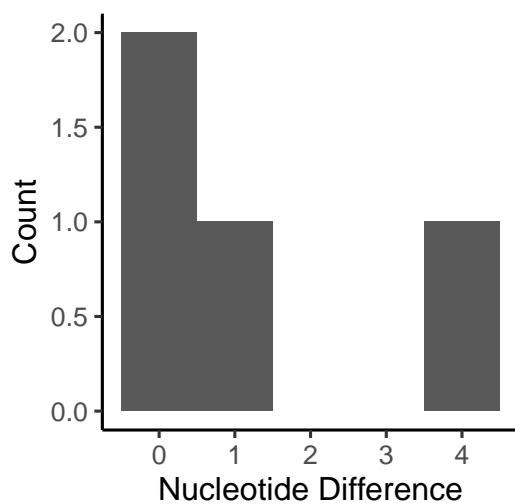
TRBV10–3*bp02_313GCC

49 sequences assigned
40 (81.6%) exact matches, in which:
37 unique CDR3
12 unique J



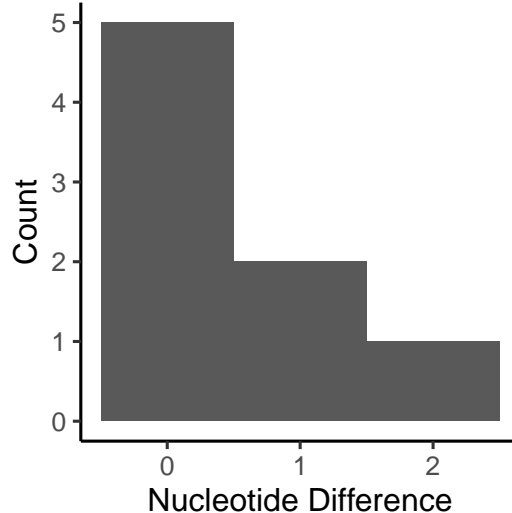
TRBV10–1*bp01

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



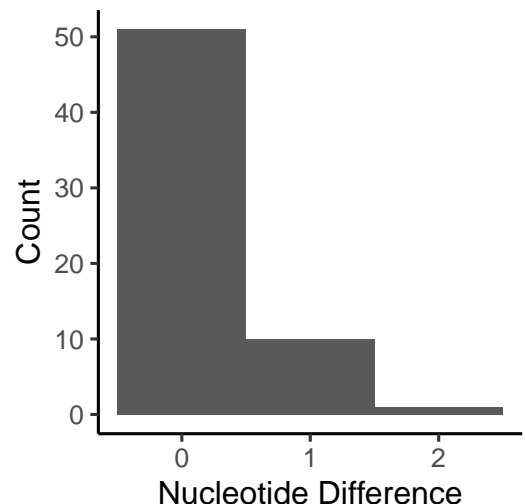
TRBV10–2*bp01

8 sequences assigned
5 (62.5%) exact matches, in which:
4 unique CDR3
3 unique J



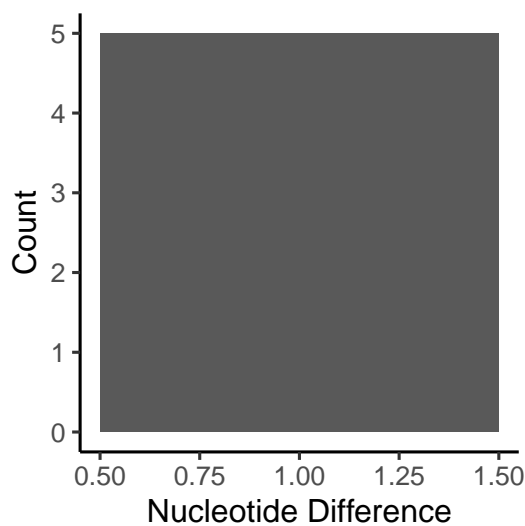
TRBV13*bp01

62 sequences assigned
51 (82.3%) exact matches, in which:
41 unique CDR3
10 unique J



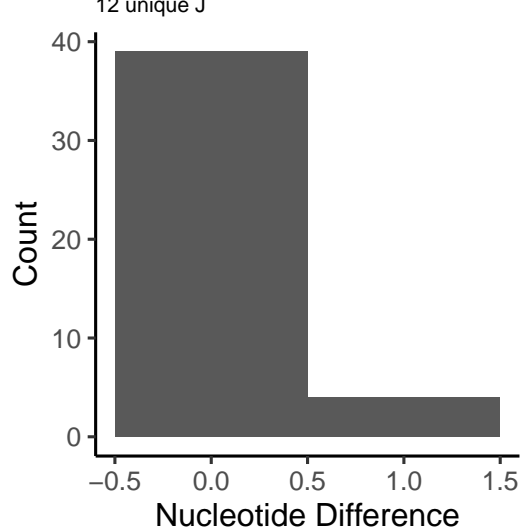
TRBV10–1*bp02

5 sequences assigned
No exact matches.



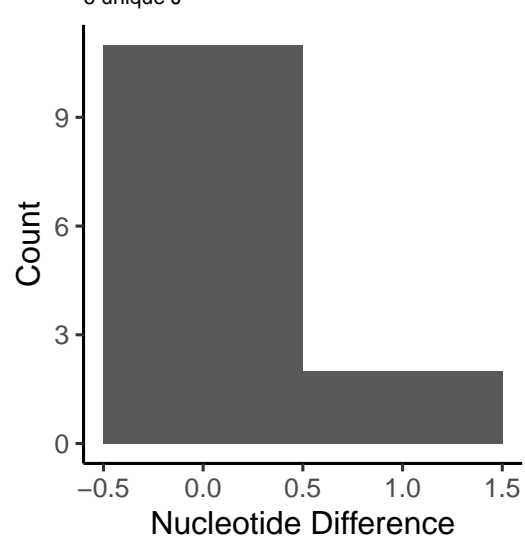
TRBV10–3*bp01

43 sequences assigned
39 (90.7%) exact matches, in which:
38 unique CDR3
12 unique J



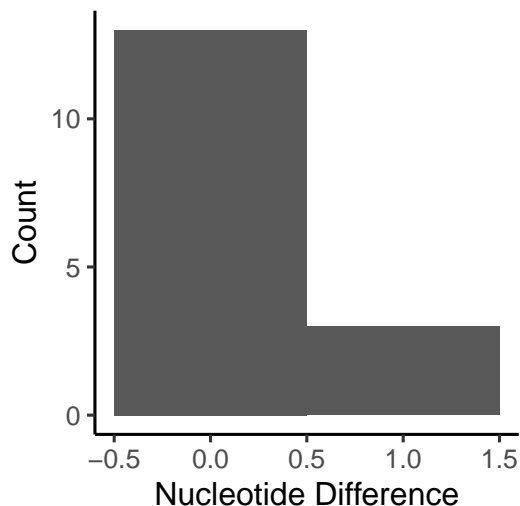
TRBV14*bp01

13 sequences assigned
11 (84.6%) exact matches, in which:
11 unique CDR3
6 unique J



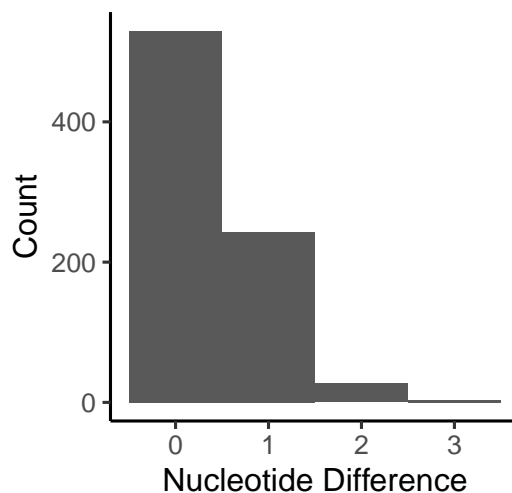
TRBV14*bp02_322CAAG/

16 sequences assigned
13 (81.2%) exact matches, in which:
11 unique CDR3
7 unique J



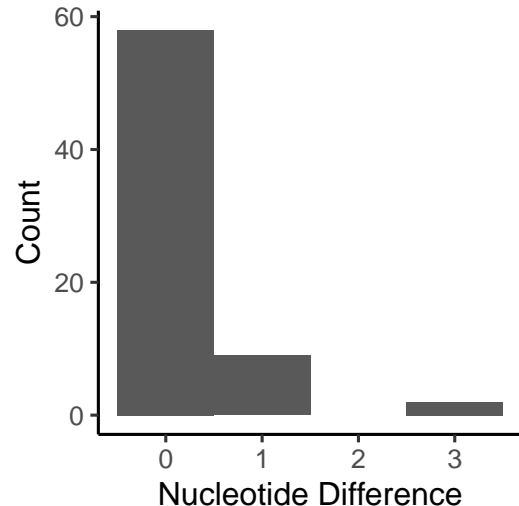
TRBV19*bp01

803 sequences assigned
530 (66%) exact matches, in which:
363 unique CDR3
14 unique J



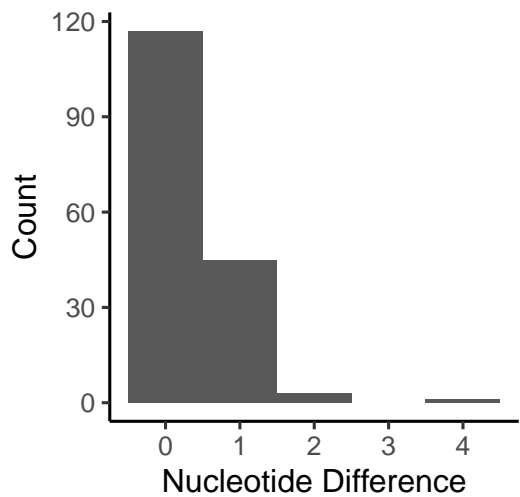
TRBV28*bp01

69 sequences assigned
58 (84.1%) exact matches, in which:
54 unique CDR3
13 unique J



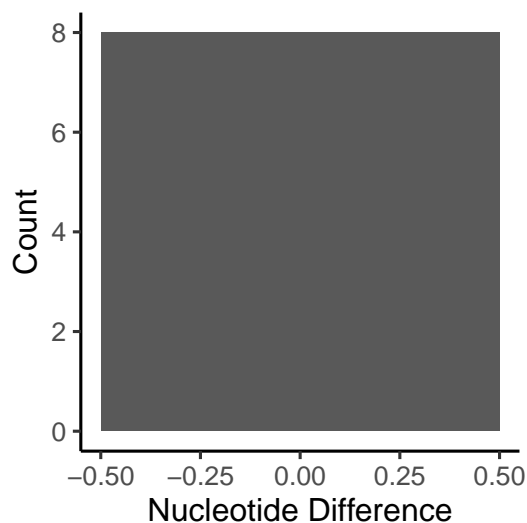
TRBV15*bp02

166 sequences assigned
117 (70.5%) exact matches, in which:
75 unique CDR3
14 unique J



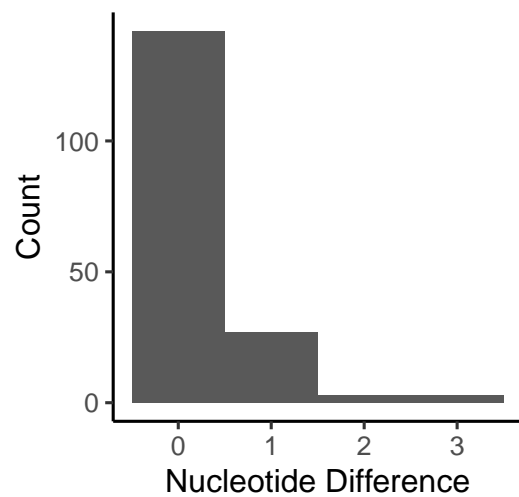
TRBV2*bp01

8 sequences assigned
8 (100%) exact matches, in which:
8 unique CDR3
6 unique J



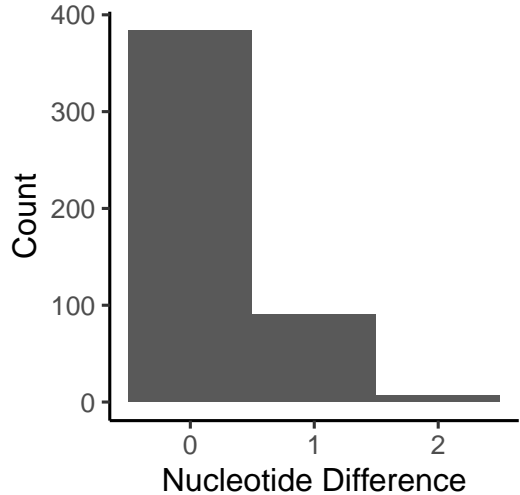
TRBV30*bp01

175 sequences assigned
142 (81.1%) exact matches, in which:
81 unique CDR3
12 unique J



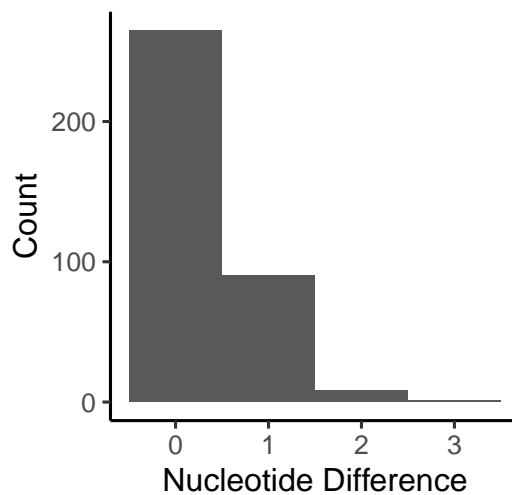
TRBV18*bp01

481 sequences assigned
384 (79.8%) exact matches, in which:
257 unique CDR3
14 unique J



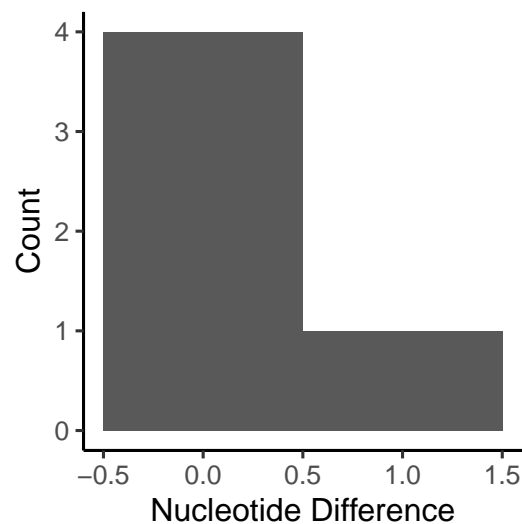
TRBV27*bp01

364 sequences assigned
265 (72.8%) exact matches, in which:
200 unique CDR3
14 unique J



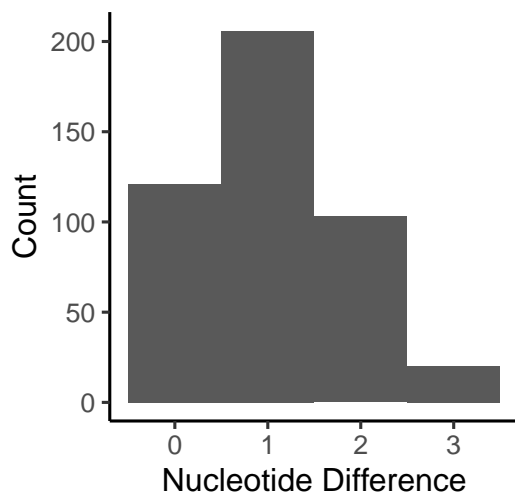
TRBV9*bp01

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



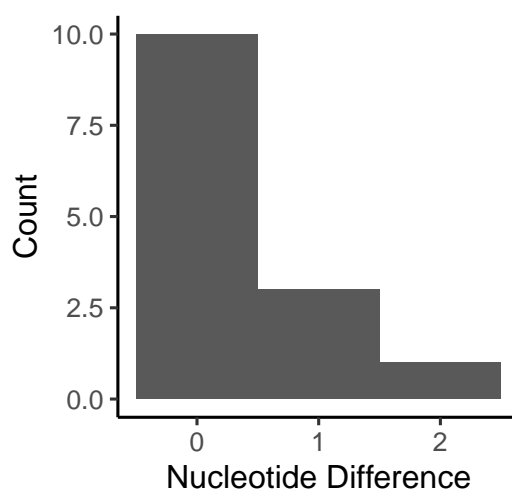
TRBV11–1*bp01

450 sequences assigned
121 (26.9%) exact matches, in which:
72 unique CDR3
14 unique J



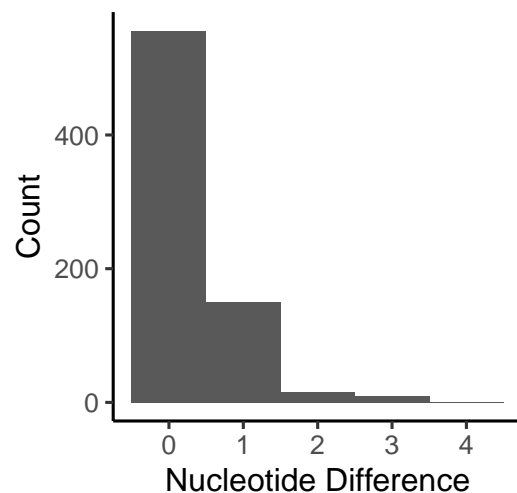
TRBV11–2*bp03

14 sequences assigned
10 (71.4%) exact matches, in which:
10 unique CDR3
7 unique J



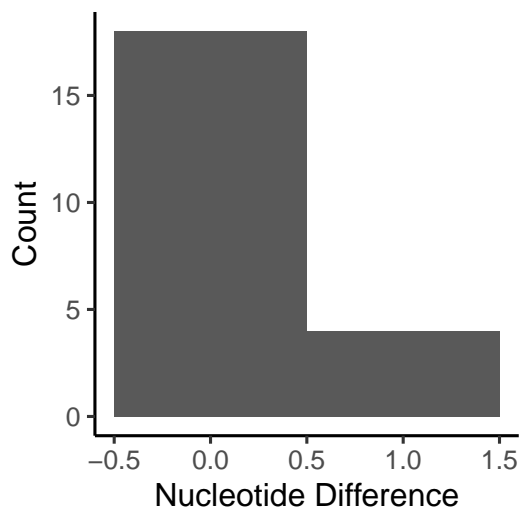
TRBV12–34*bp01

732 sequences assigned
556 (76%) exact matches, in which:
378 unique CDR3
14 unique J



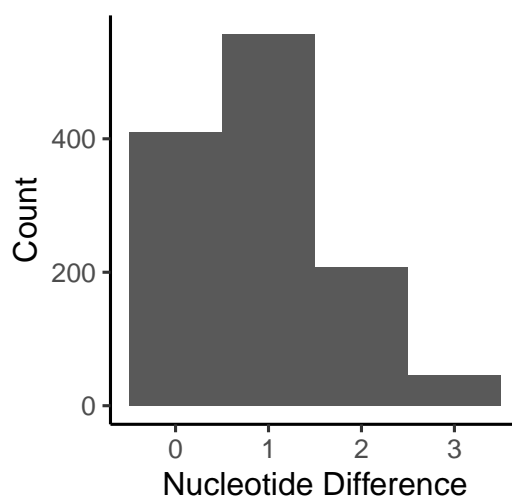
TRBV21–1*bp01

22 sequences assigned
18 (81.8%) exact matches, in which:
15 unique CDR3
10 unique J



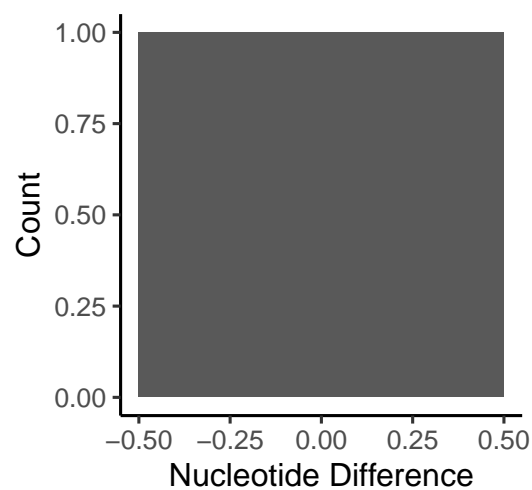
TRBV11–3*bp01

1220 sequences assigned
410 (33.6%) exact matches, in which:
284 unique CDR3
14 unique J



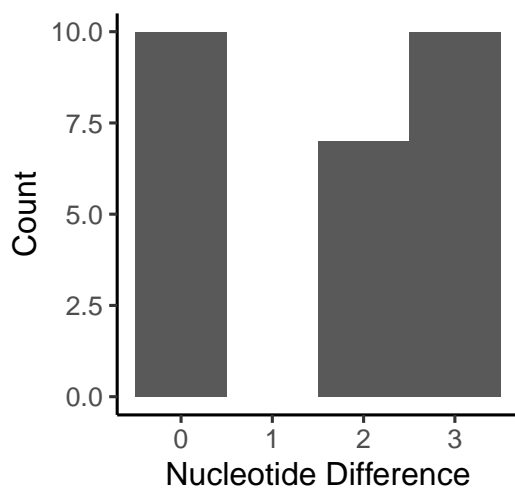
TRBV23–1*bp01

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



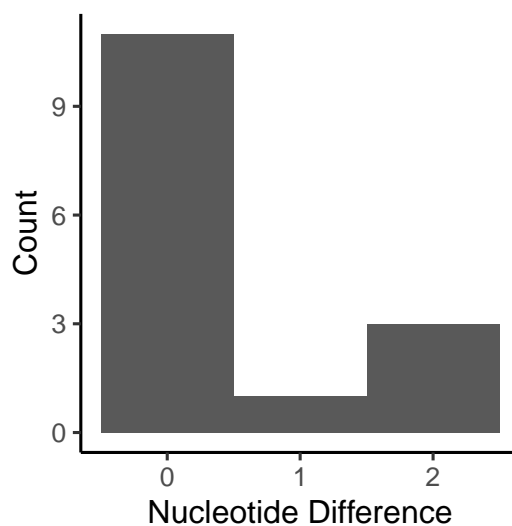
TRBV11–2*bp01

27 sequences assigned
10 (37%) exact matches, in which:
9 unique CDR3
5 unique J



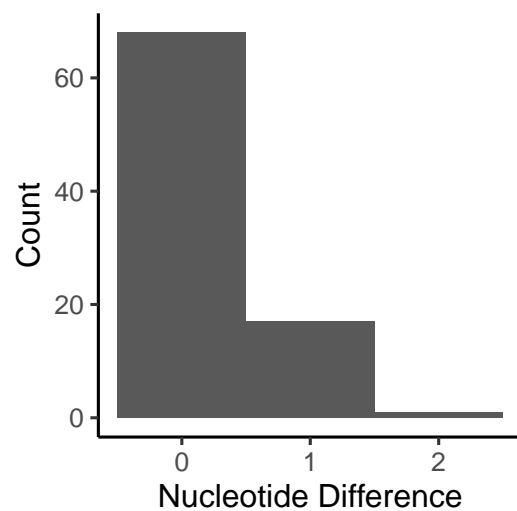
TRBV12–5*bp01

15 sequences assigned
11 (73.3%) exact matches, in which:
11 unique CDR3
6 unique J



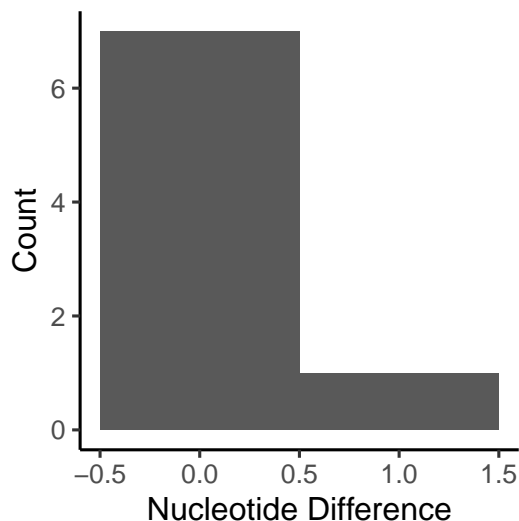
TRBV24–1*bp01

86 sequences assigned
68 (79.1%) exact matches, in which:
61 unique CDR3
12 unique J



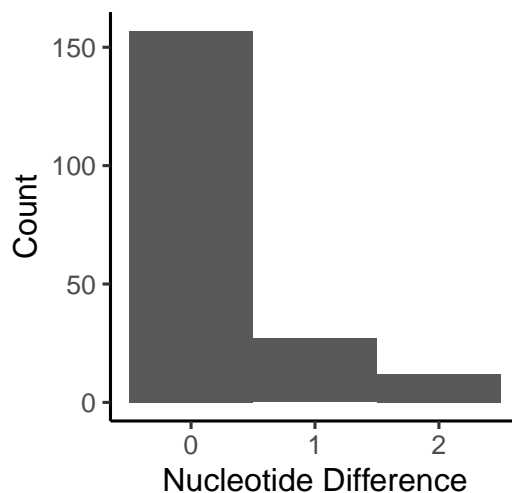
TRBV4-1*bp01

8 sequences assigned
7 (87.5%) exact matches, in which:
7 unique CDR3
4 unique J



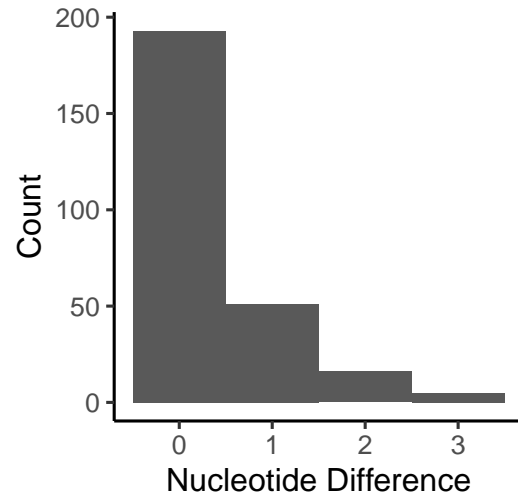
TRBV5-1*bp01

196 sequences assigned
157 (80.1%) exact matches, in which:
136 unique CDR3
12 unique J



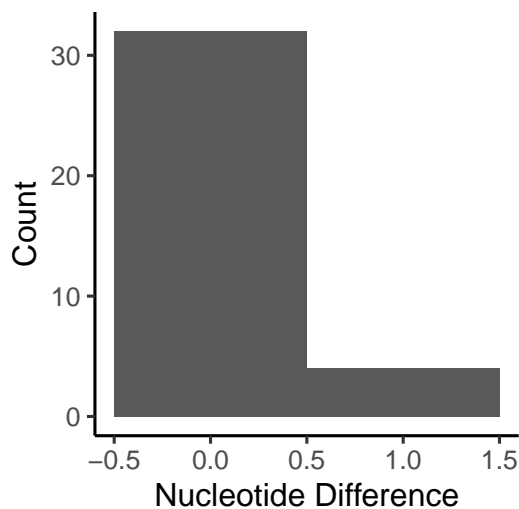
TRBV5-4*bp01

265 sequences assigned
193 (72.8%) exact matches, in which:
139 unique CDR3
14 unique J



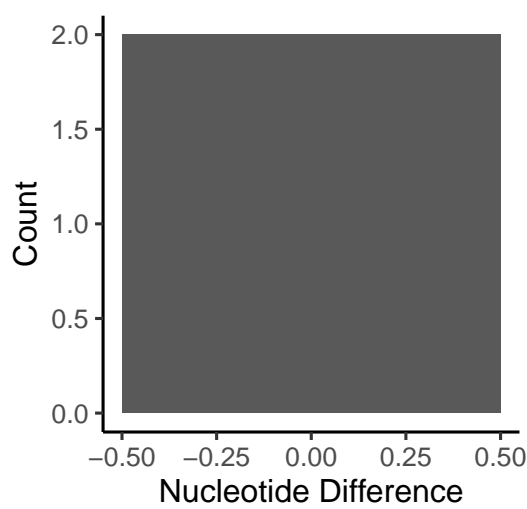
TRBV4-2*bp01

36 sequences assigned
32 (88.9%) exact matches, in which:
23 unique CDR3
11 unique J



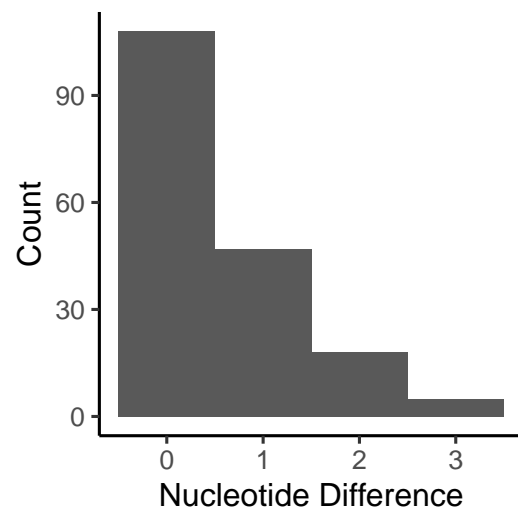
TRBV25-1*bp01

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



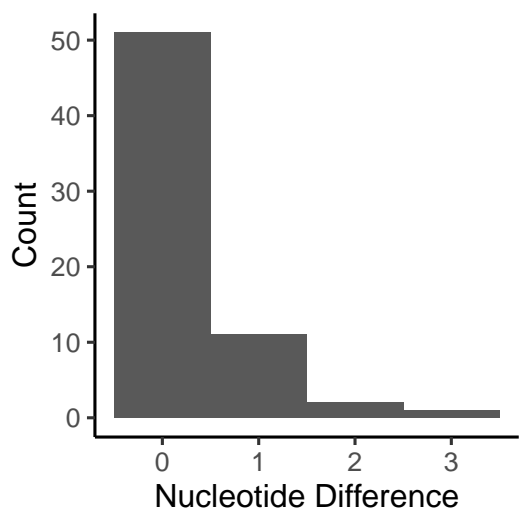
TRBV5-5*bp01

178 sequences assigned
108 (60.7%) exact matches, in which:
76 unique CDR3
13 unique J



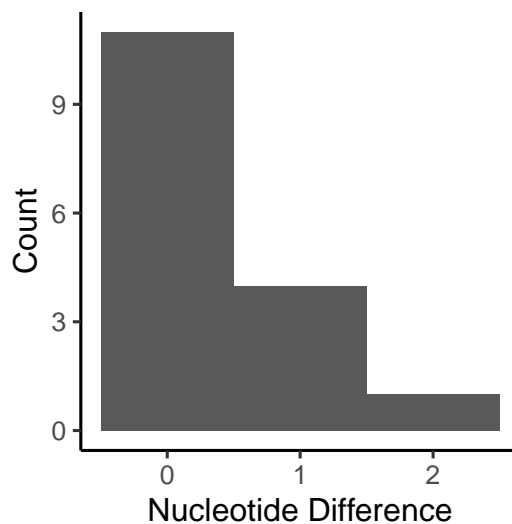
TRBV4-3*bp01

65 sequences assigned
51 (78.5%) exact matches, in which:
41 unique CDR3
11 unique J



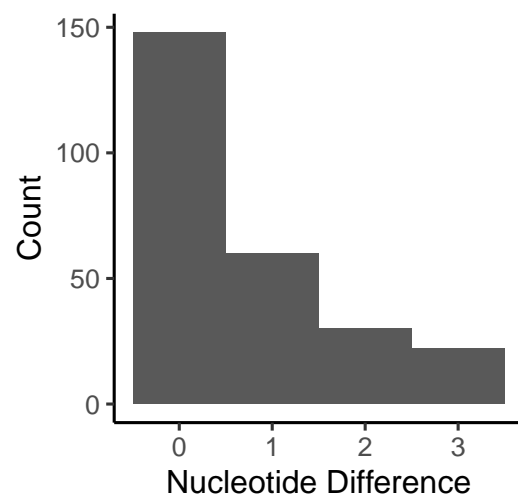
TRBV5-3*bp01

16 sequences assigned
11 (68.8%) exact matches, in which:
10 unique CDR3
7 unique J



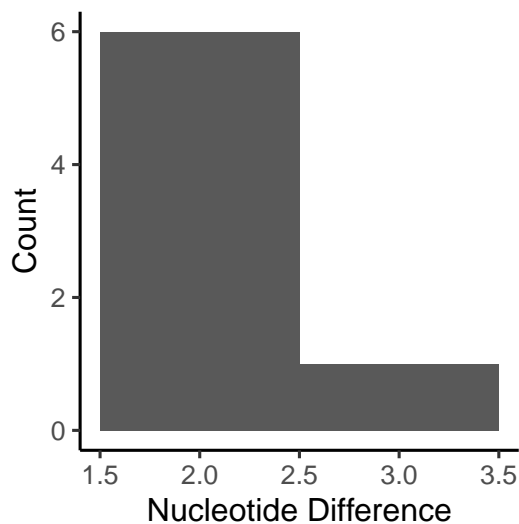
TRBV5-6*bp01

260 sequences assigned
148 (56.9%) exact matches, in which:
116 unique CDR3
13 unique J



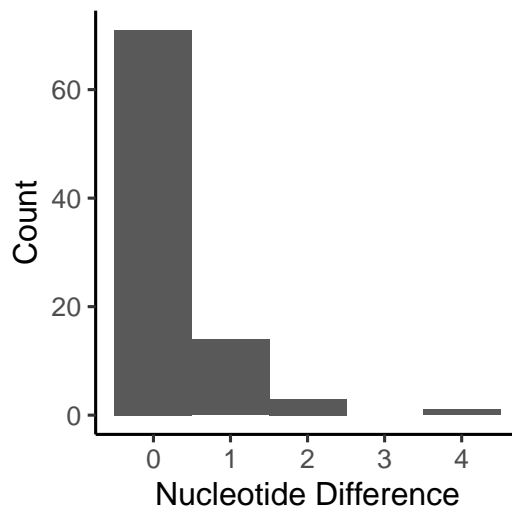
TRBV5-7*bp01

7 sequences assigned
No exact matches.



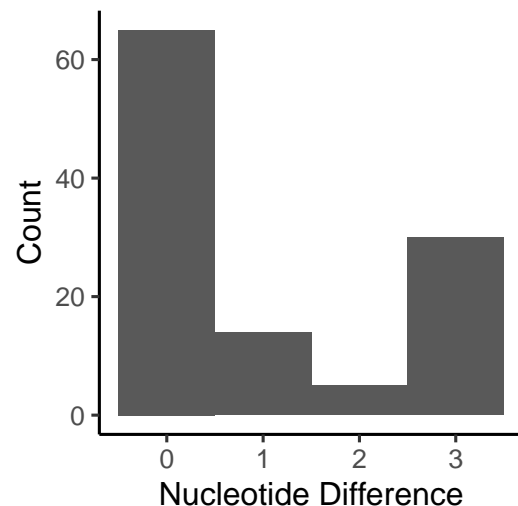
TRBV6-4*bp01

89 sequences assigned
71 (79.8%) exact matches, in which:
56 unique CDR3
13 unique J



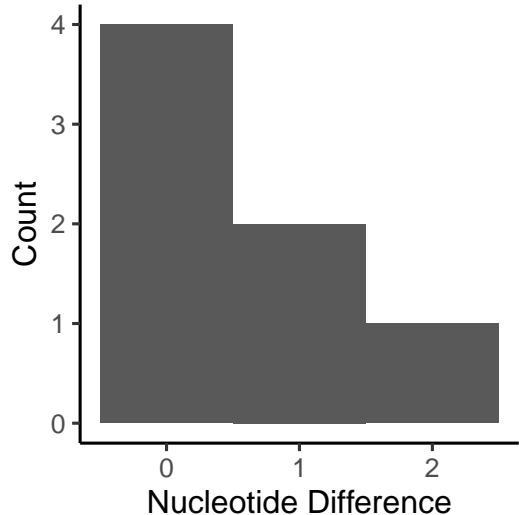
TRBV6-6*bp02

114 sequences assigned
65 (57%) exact matches, in which:
49 unique CDR3
12 unique J



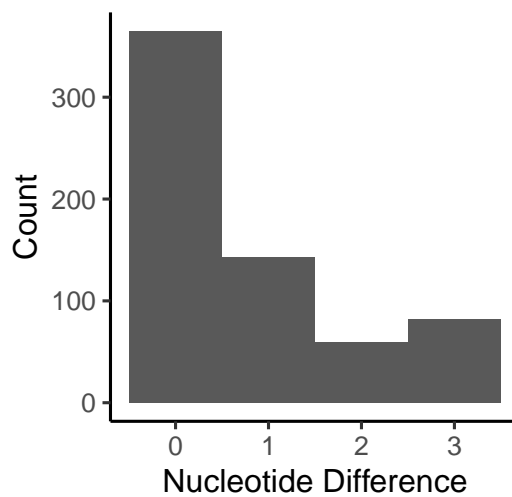
TRBV5-8*bp01

7 sequences assigned
4 (57.1%) exact matches, in which:
4 unique CDR3
2 unique J



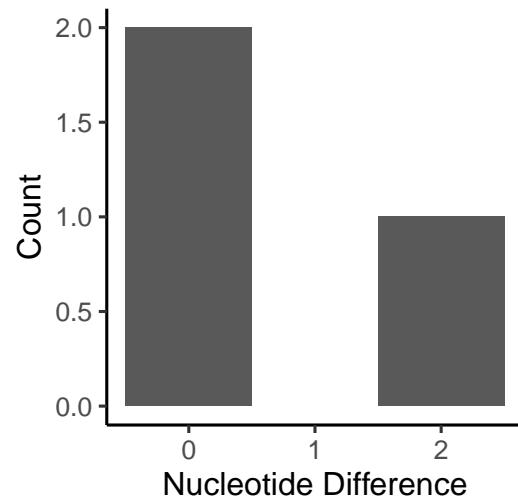
TRBV6-5*bp01

649 sequences assigned
365 (56.2%) exact matches, in which:
306 unique CDR3
14 unique J



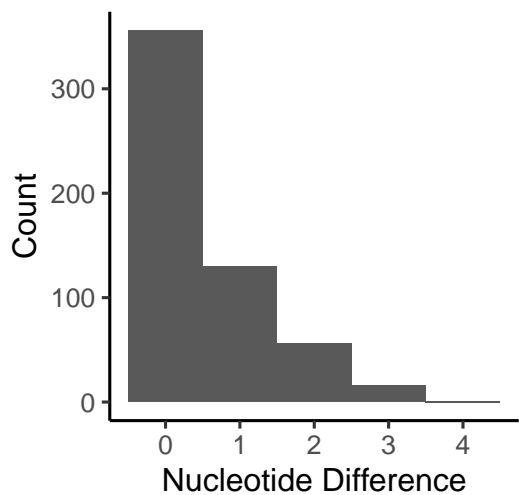
TRBV6-7*bp01

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



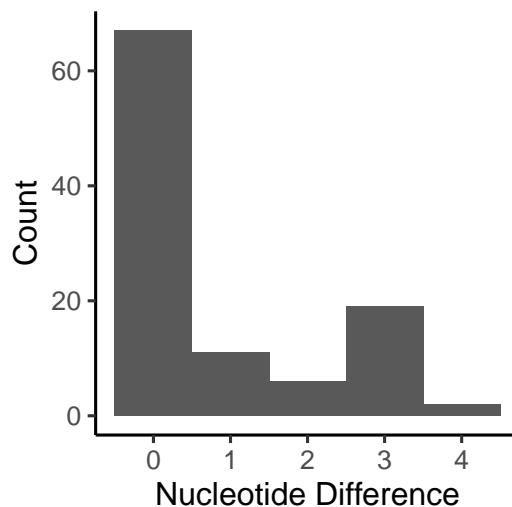
TRBV6-1*bp01

559 sequences assigned
356 (63.7%) exact matches, in which:
299 unique CDR3
14 unique J



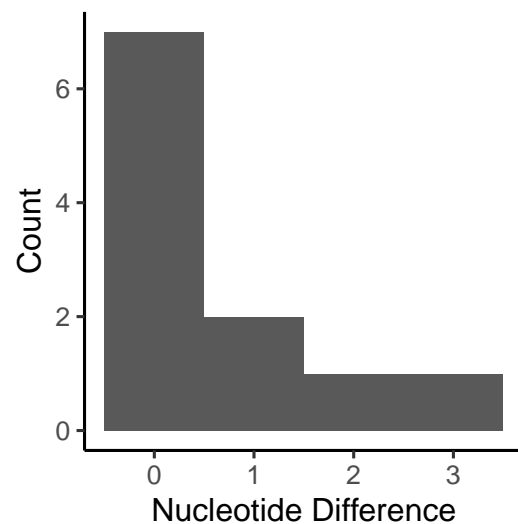
TRBV6-6*bp01

105 sequences assigned
67 (63.8%) exact matches, in which:
61 unique CDR3
14 unique J



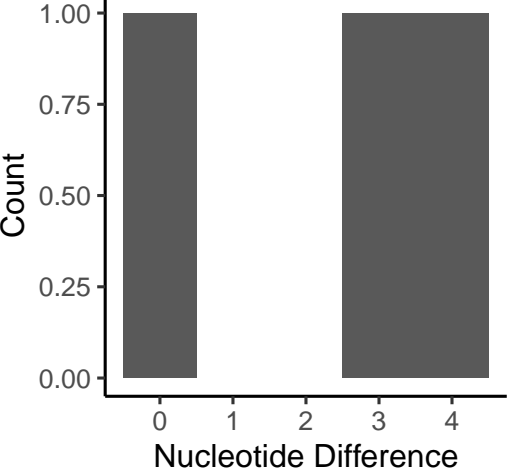
TRBV6-8*bp01

11 sequences assigned
7 (63.6%) exact matches, in which:
6 unique CDR3
5 unique J



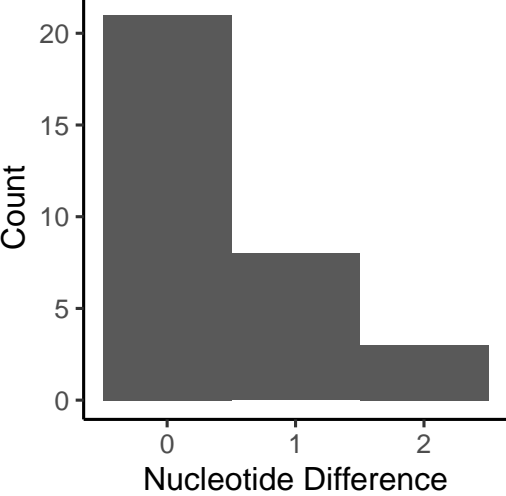
TRBV6-9*bp01

3 sequences assigned
1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J



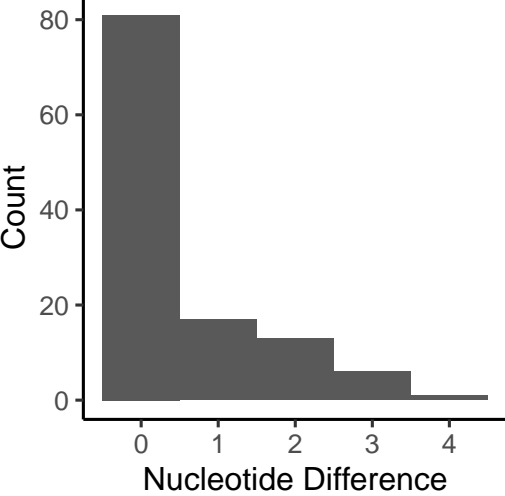
TRBV7-2*bp02

32 sequences assigned
21 (65.6%) exact matches, in which:
17 unique CDR3
6 unique J



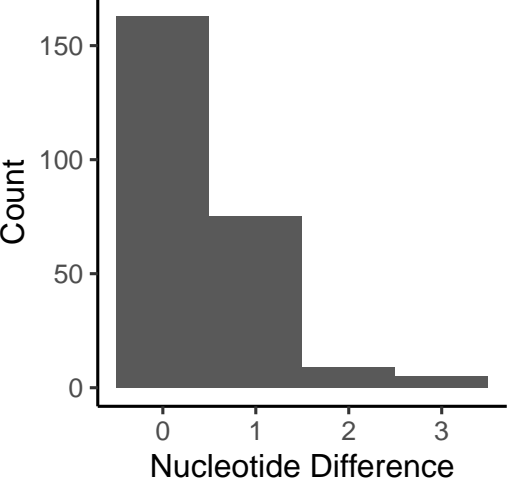
TRBV7-6*bp01

118 sequences assigned
81 (68.6%) exact matches, in which:
60 unique CDR3
11 unique J



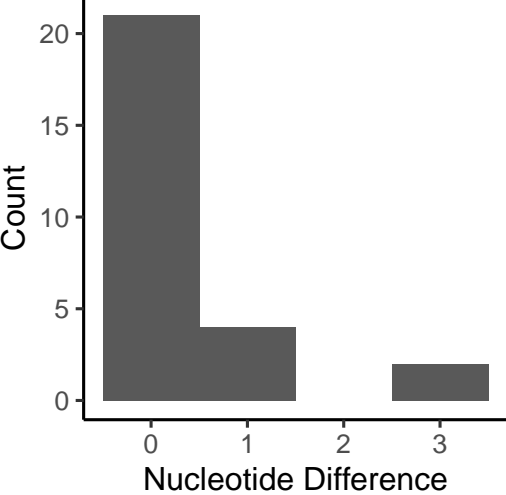
TRBV6-23*bp01

252 sequences assigned
163 (64.7%) exact matches, in which:
138 unique CDR3
13 unique J



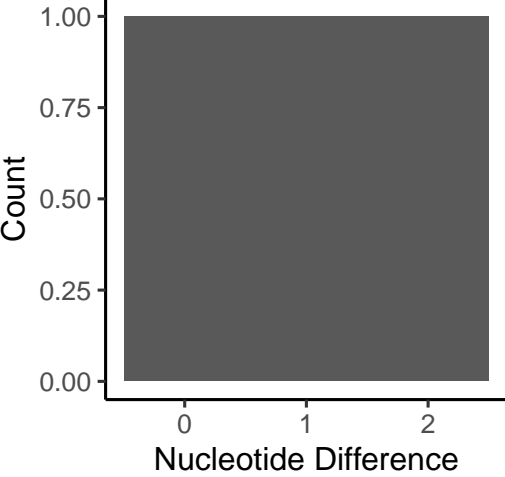
TRBV7-3*bp01

27 sequences assigned
21 (77.8%) exact matches, in which:
18 unique CDR3
8 unique J



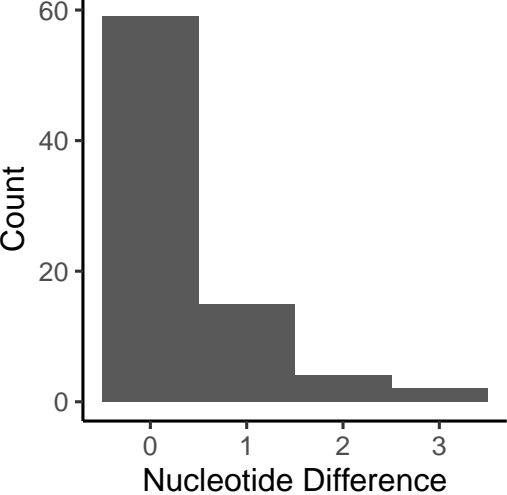
TRBV7-7*bp01

3 sequences assigned
1 (33.3%) exact matches, in which:
1 unique CDR3
1 unique J



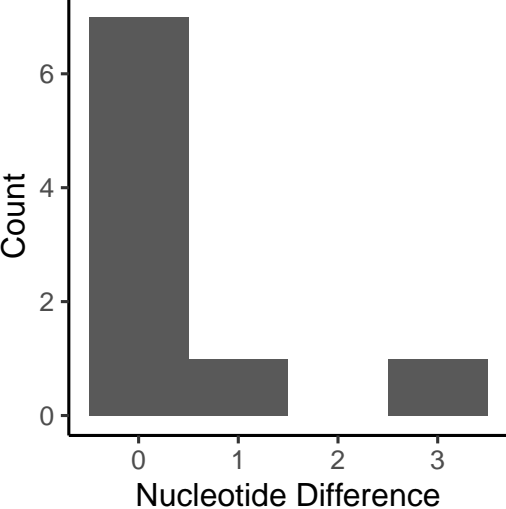
TRBV7-2*bp01

80 sequences assigned
59 (73.8%) exact matches, in which:
53 unique CDR3
13 unique J



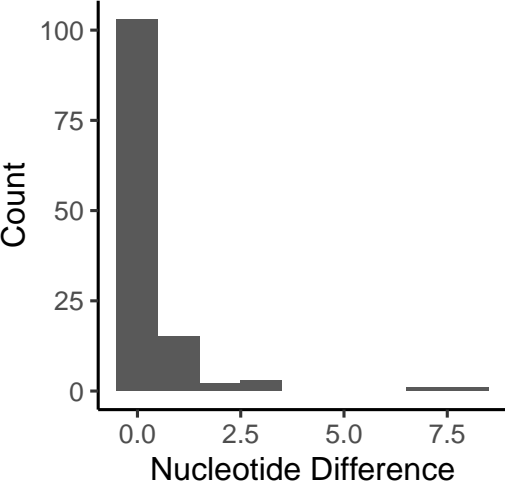
TRBV7-4*bp01

9 sequences assigned
7 (77.8%) exact matches, in which:
7 unique CDR3
5 unique J



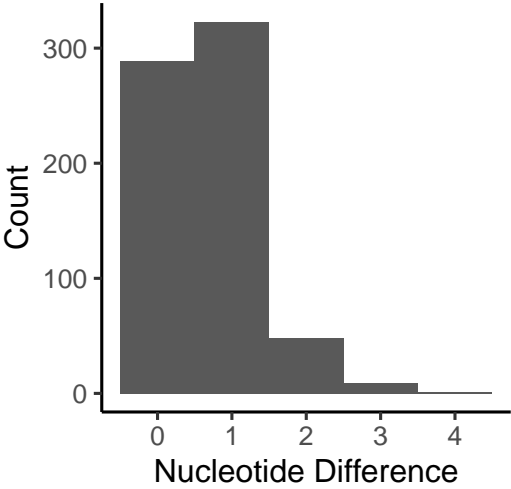
TRBV7-9*bp01

125 sequences assigned
103 (82.4%) exact matches, in which:
85 unique CDR3
13 unique J

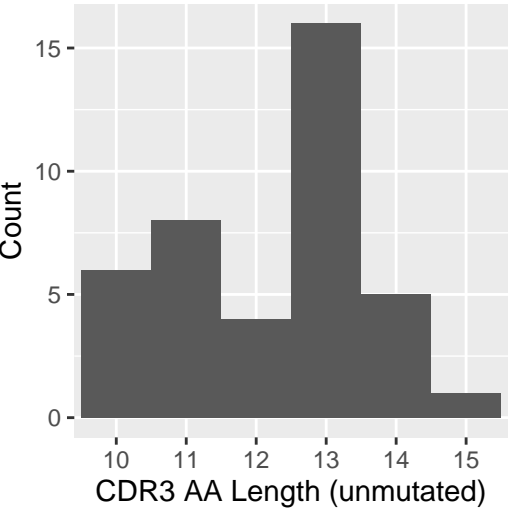


TRBV29-1*bp01

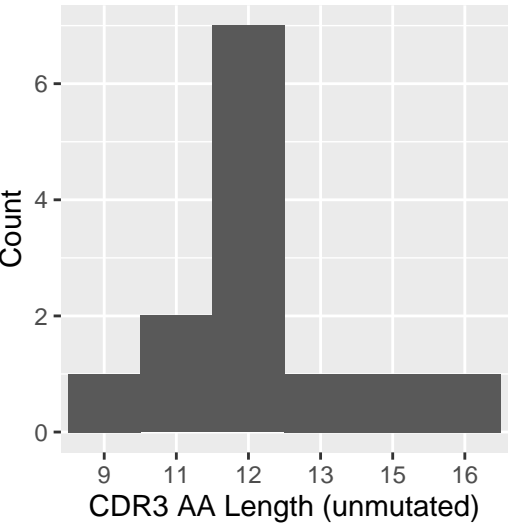
670 sequences assigned
289 (43.1%) exact matches, in which:
193 unique CDR3
13 unique J



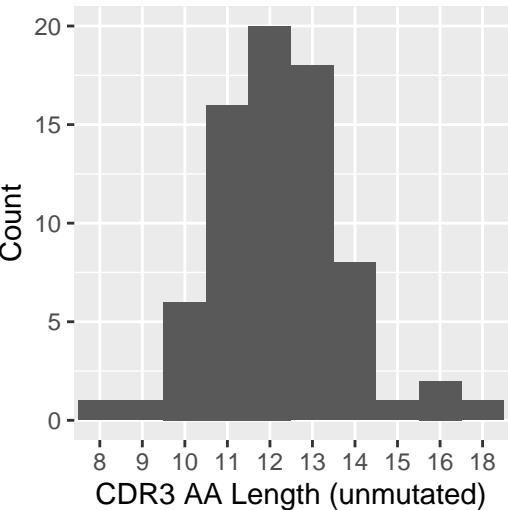
TRBV10-3*bp02_313GCCATCAGTGAGTC326



TRBV14*bp02_322CAAGA326



TRBV20-1*bp04_322GA323



Allele Usage

