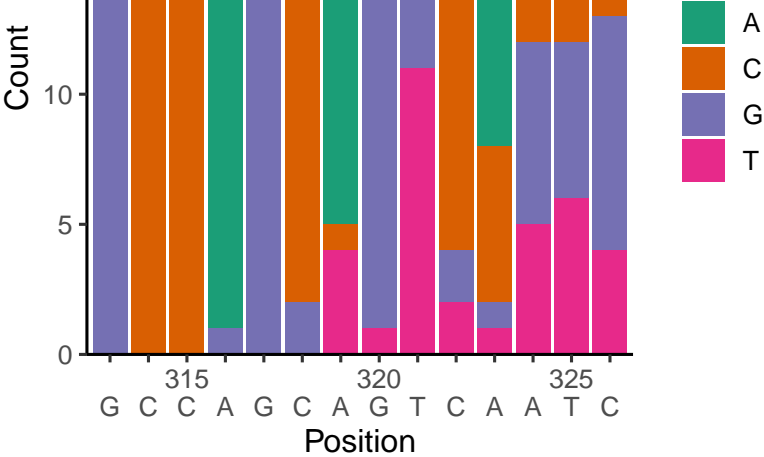


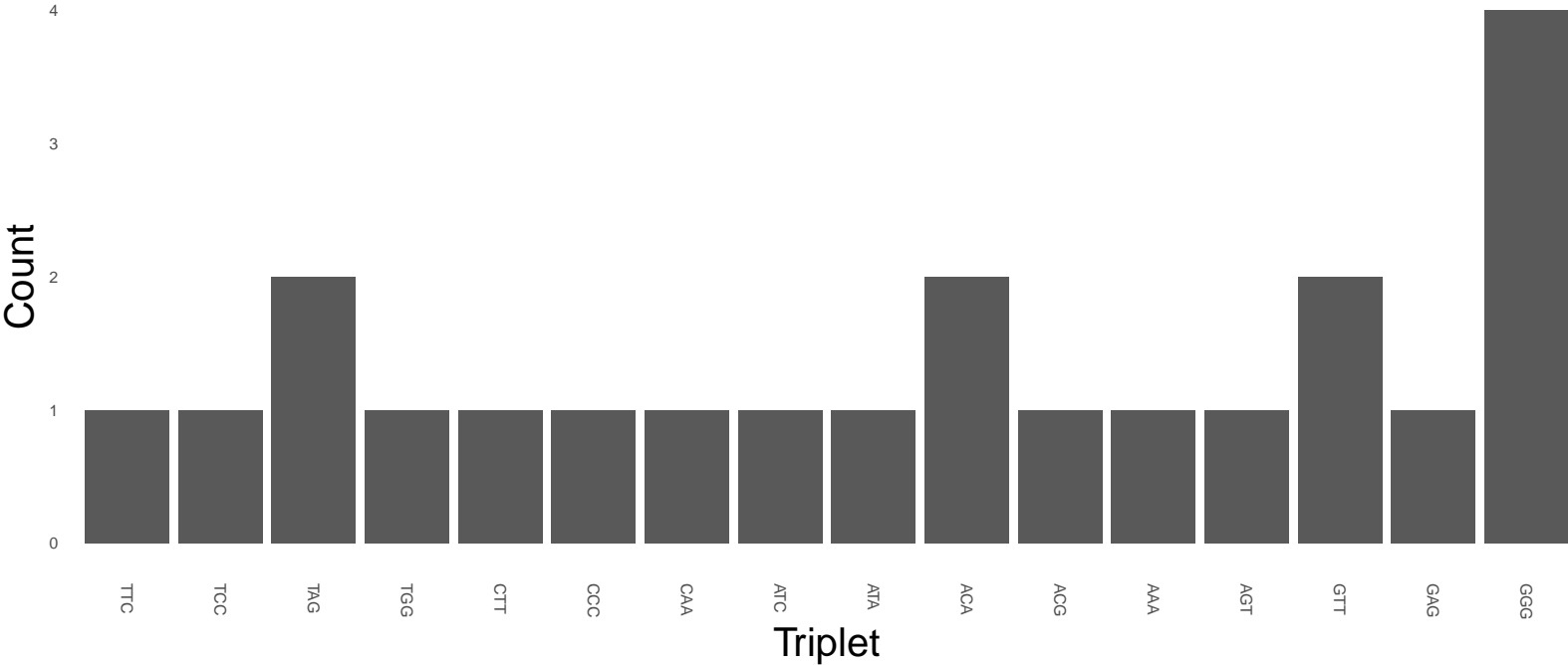
Gene TRBV23-1*bp01_T304C



Gene TRBV23-1*bp01_T304C

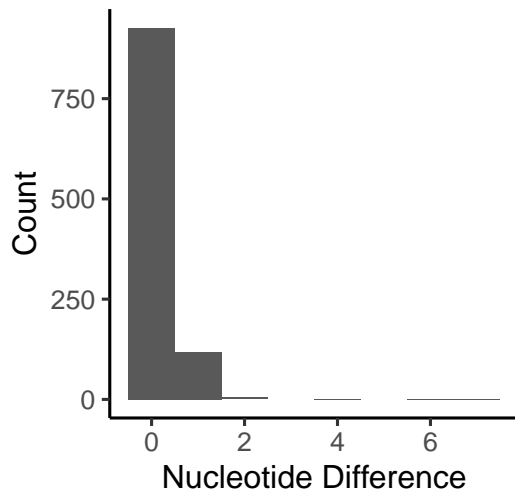


TRBV23-1*bp01_T304C- Final 3 nucleotides as a triplet



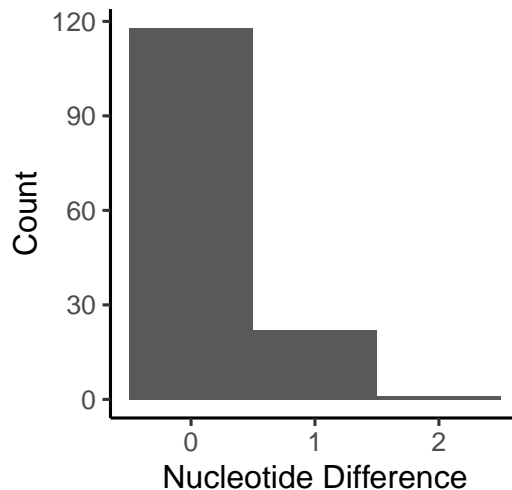
TRBV20–1*bp01

1055 sequences assigned
927 (87.9%) exact matches, in which:
744 unique CDR3
14 unique J



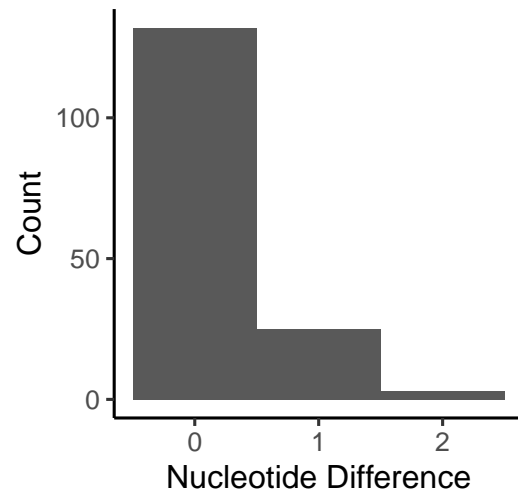
TRBV10–3*bp01

141 sequences assigned
118 (83.7%) exact matches, in which:
107 unique CDR3
13 unique J



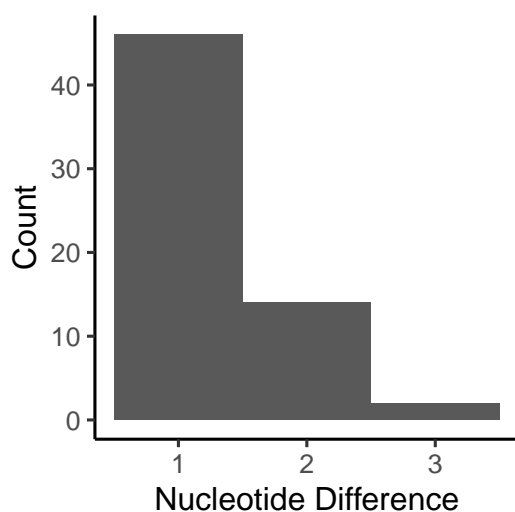
TRBV15*bp02

160 sequences assigned
132 (82.5%) exact matches, in which:
111 unique CDR3
12 unique J



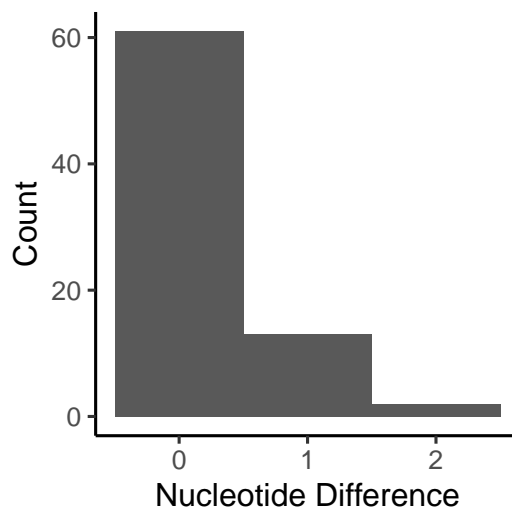
TRBV10–1*bp02

62 sequences assigned
No exact matches.



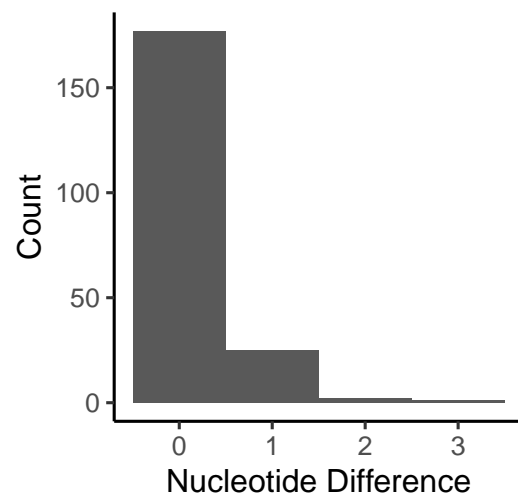
TRBV13*bp01

76 sequences assigned
61 (80.3%) exact matches, in which:
58 unique CDR3
12 unique J



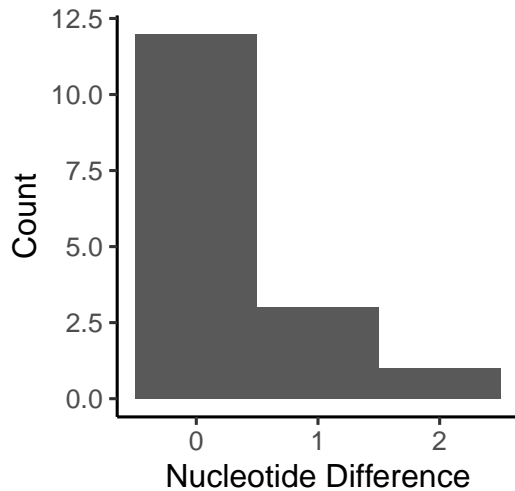
TRBV18*bp01

205 sequences assigned
177 (86.3%) exact matches, in which:
153 unique CDR3
12 unique J



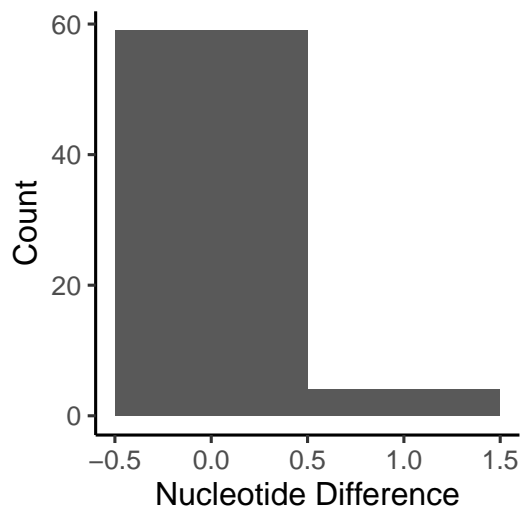
TRBV10–2*bp01

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



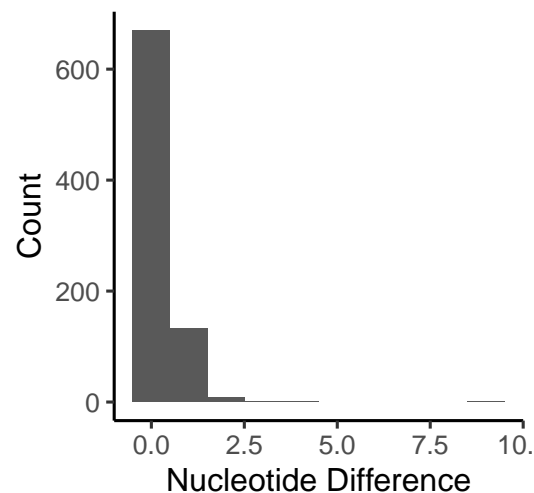
TRBV14*bp01

63 sequences assigned
59 (93.7%) exact matches, in which:
56 unique CDR3
13 unique J



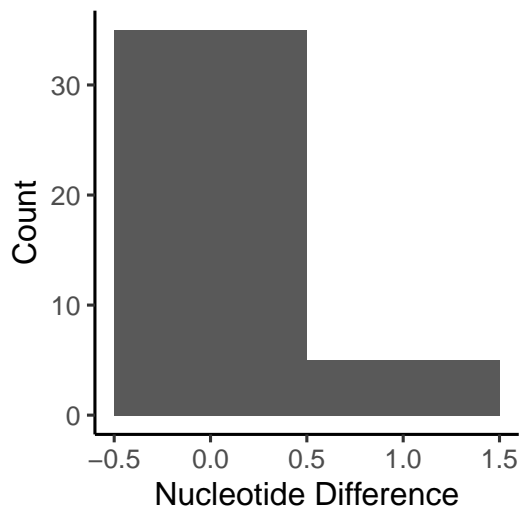
TRBV19*bp01

818 sequences assigned
670 (81.9%) exact matches, in which:
554 unique CDR3
14 unique J



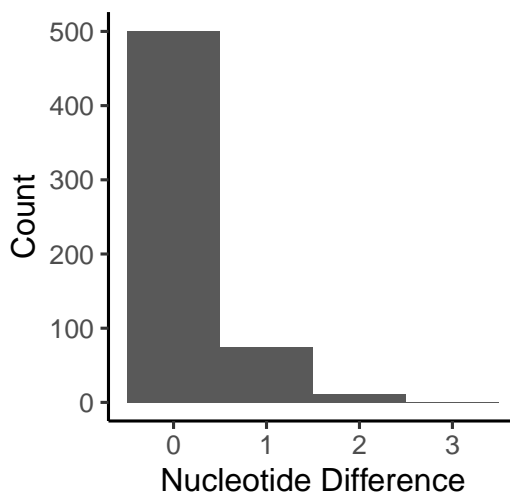
TRBV2*bp01

40 sequences assigned
35 (87.5%) exact matches, in which:
34 unique CDR3
10 unique J



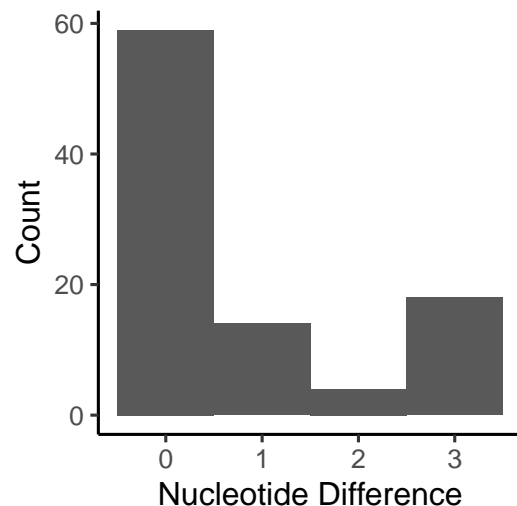
TRBV30*bp01

588 sequences assigned
501 (85.2%) exact matches, in which:
356 unique CDR3
14 unique J



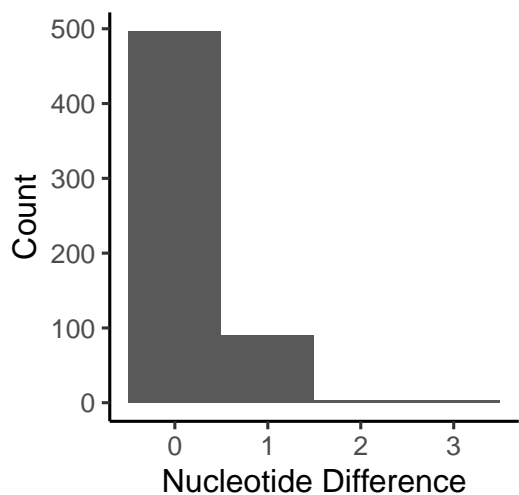
TRBV11-1*bp01

95 sequences assigned
59 (62.1%) exact matches, in which:
49 unique CDR3
11 unique J



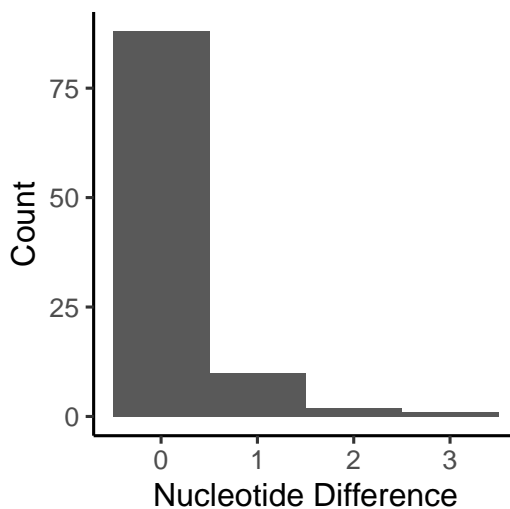
TRBV27*bp01

594 sequences assigned
497 (83.7%) exact matches, in which:
425 unique CDR3
13 unique J



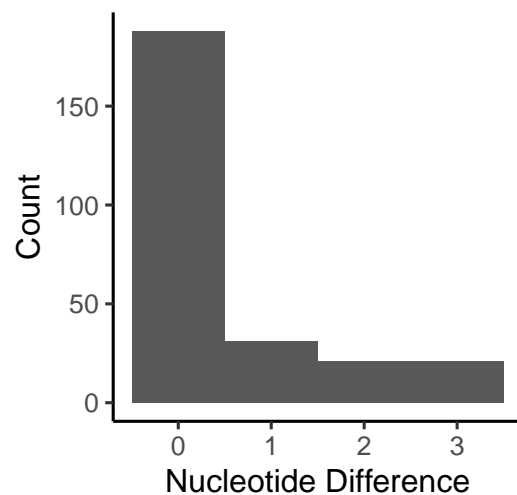
TRBV9*bp01

101 sequences assigned
88 (87.1%) exact matches, in which:
83 unique CDR3
13 unique J



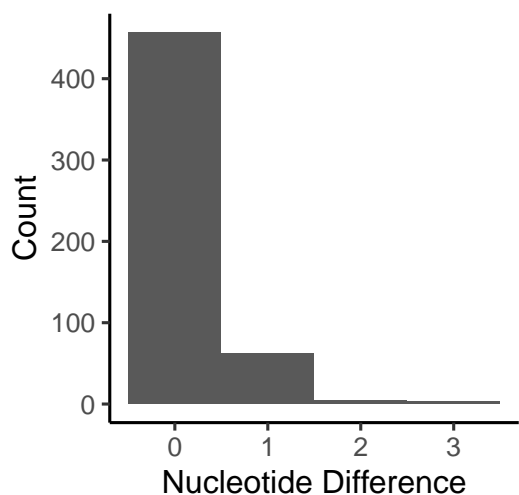
TRBV11-2*bp01

261 sequences assigned
188 (72%) exact matches, in which:
169 unique CDR3
13 unique J



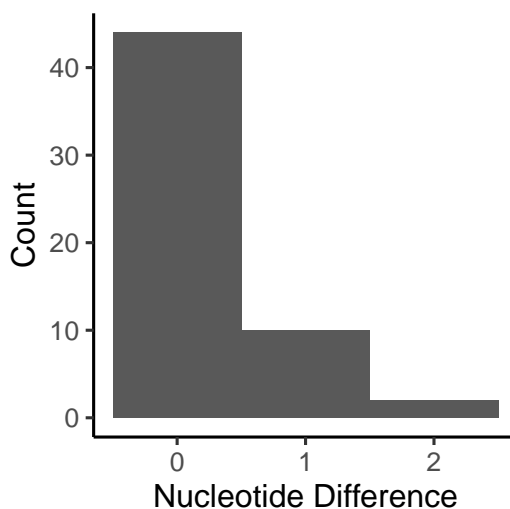
TRBV28*bp01

526 sequences assigned
457 (86.9%) exact matches, in which:
424 unique CDR3
14 unique J



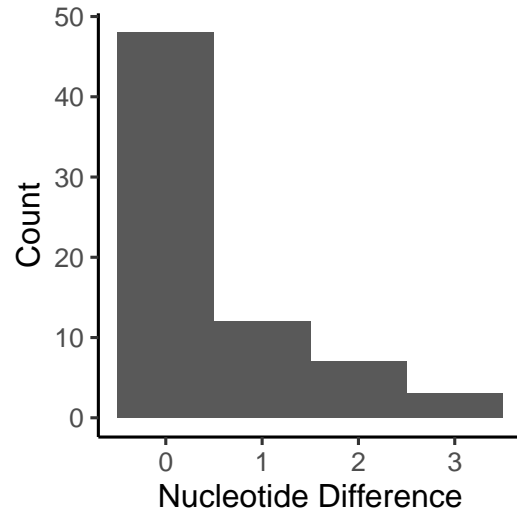
TRBV21-1*bp01

56 sequences assigned
44 (78.6%) exact matches, in which:
44 unique CDR3
10 unique J



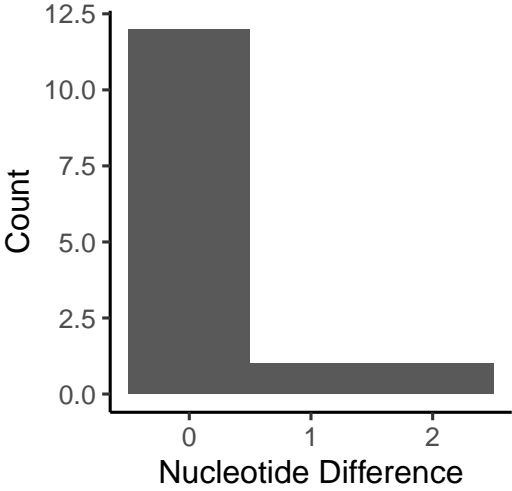
TRBV11-3*bp01

70 sequences assigned
48 (68.6%) exact matches, in which:
45 unique CDR3
12 unique J



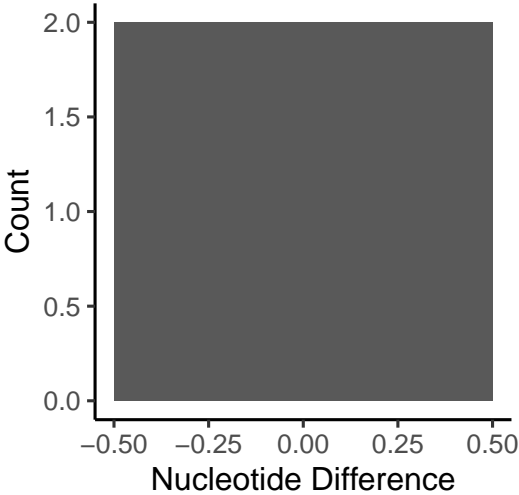
TRBV12–5*bp01

14 sequences assigned
12 (85.7%) exact matches, in which:
12 unique CDR3
5 unique J



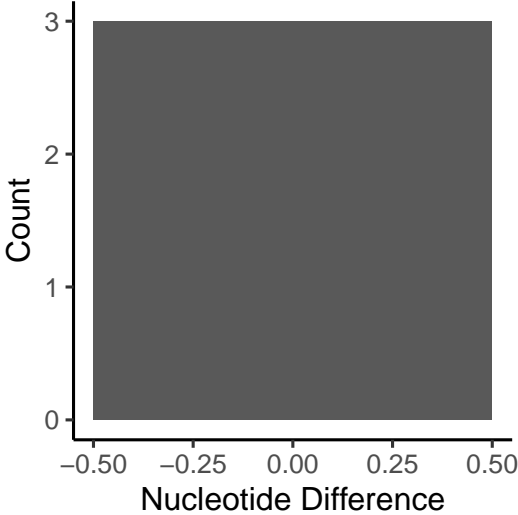
TRBV3–1*bp01

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



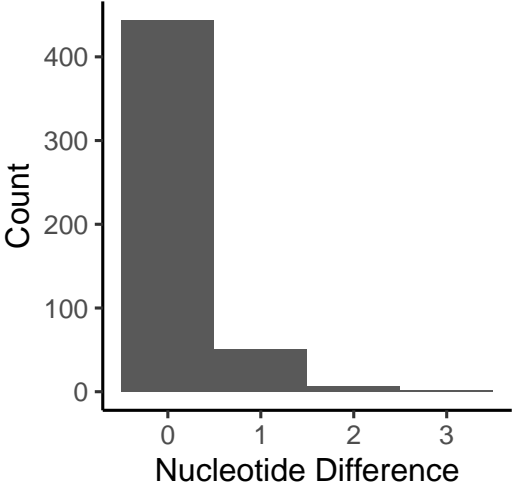
TRBV3–2*bp02

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



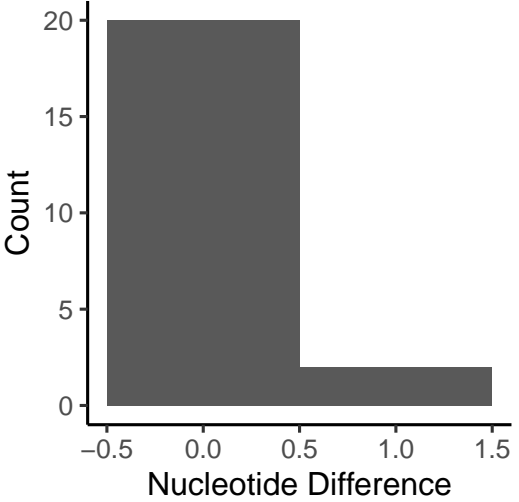
TRBV12–34*bp01

504 sequences assigned
444 (88.1%) exact matches, in which:
342 unique CDR3
14 unique J



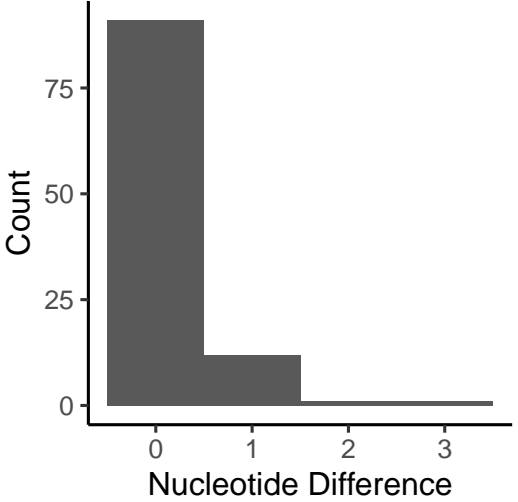
TRBV23–1*bp01_T304C

22 sequences assigned
20 (90.9%) exact matches, in which:
19 unique CDR3
8 unique J



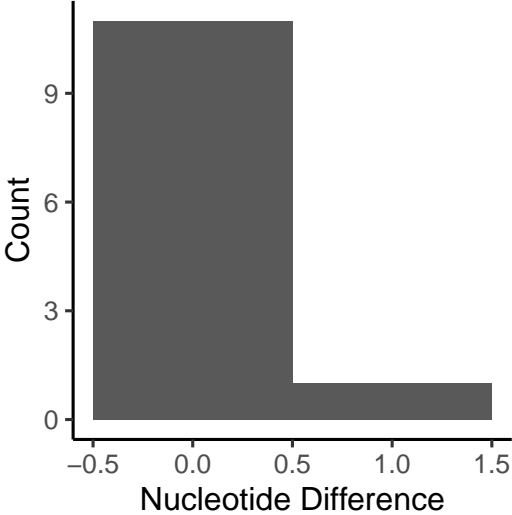
TRBV24–1*bp01

105 sequences assigned
91 (86.7%) exact matches, in which:
86 unique CDR3
14 unique J



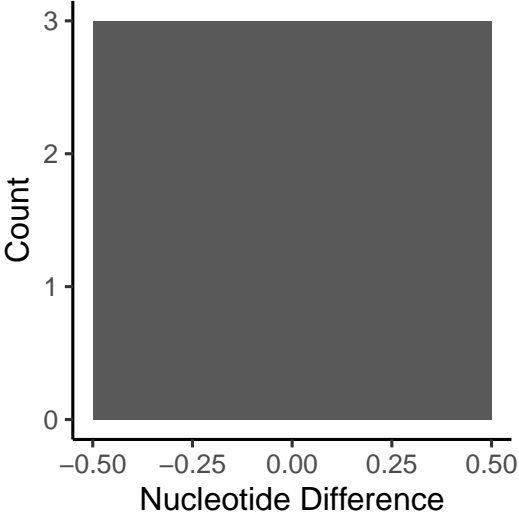
TRBV23–1*bp01

12 sequences assigned
11 (91.7%) exact matches, in which:
10 unique CDR3
7 unique J



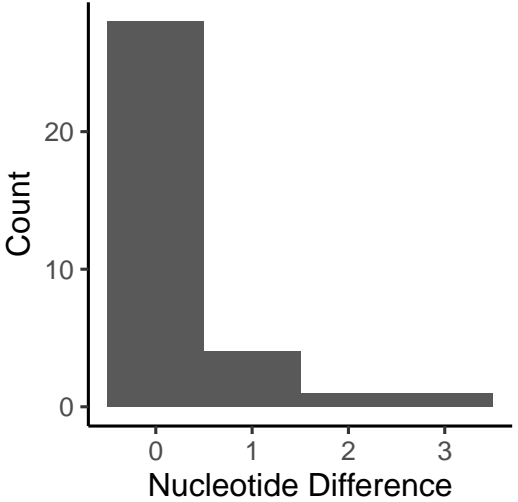
TRBV3–2*bp01

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



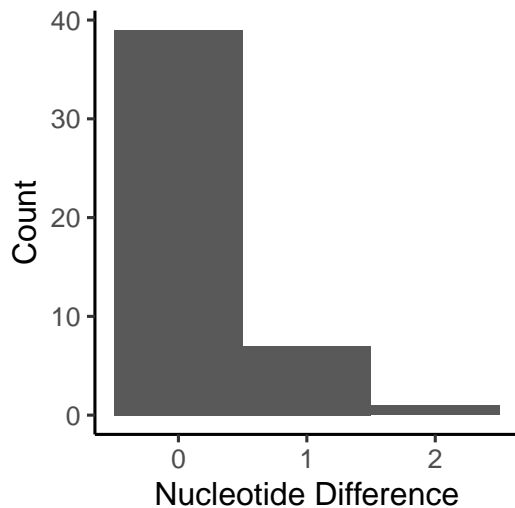
TRBV4–1*bp01

34 sequences assigned
28 (82.4%) exact matches, in which:
27 unique CDR3
10 unique J



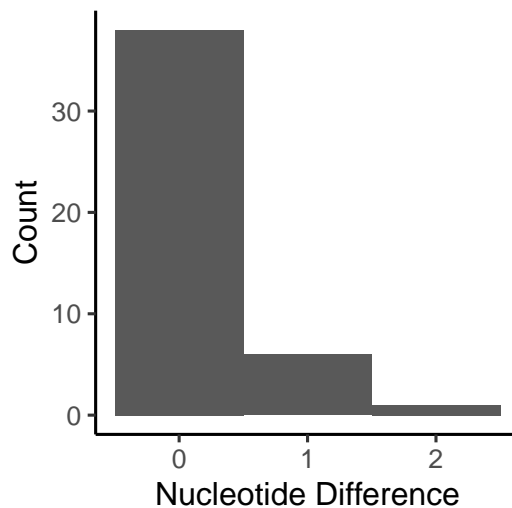
TRBV4-2*bp01

47 sequences assigned
39 (83%) exact matches, in which:
36 unique CDR3
12 unique J



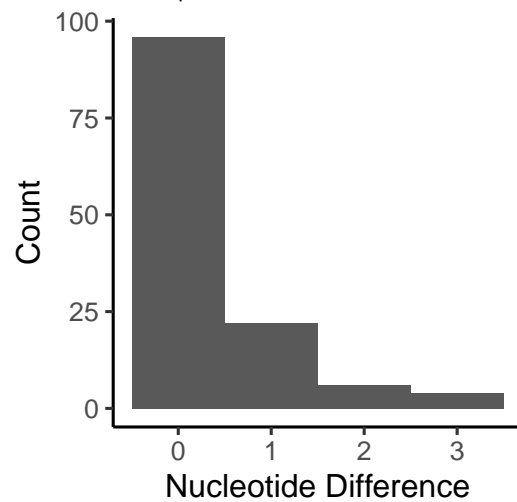
TRBV25-1*bp01

45 sequences assigned
38 (84.4%) exact matches, in which:
35 unique CDR3
10 unique J



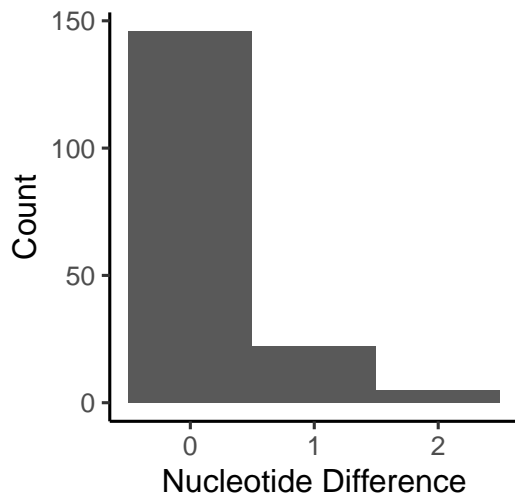
TRBV5-5*bp01

128 sequences assigned
96 (75%) exact matches, in which:
84 unique CDR3
13 unique J



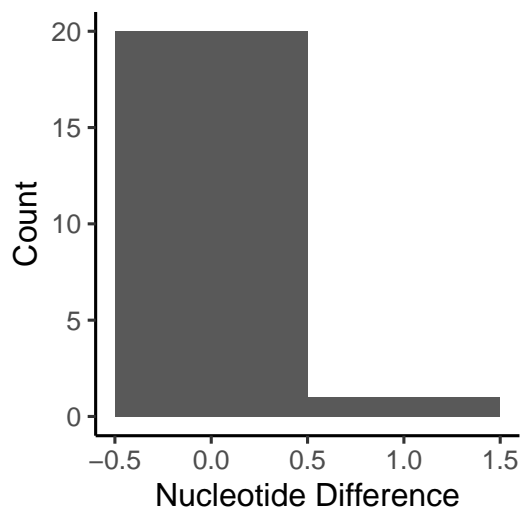
TRBV4-3*bp01

173 sequences assigned
146 (84.4%) exact matches, in which:
137 unique CDR3
14 unique J



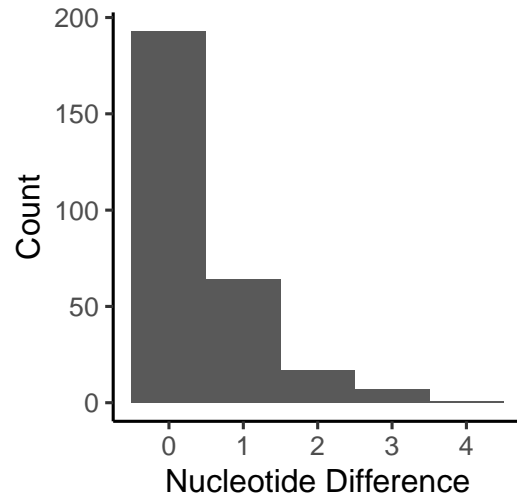
TRBV5-3*bp01

21 sequences assigned
20 (95.2%) exact matches, in which:
18 unique CDR3
9 unique J



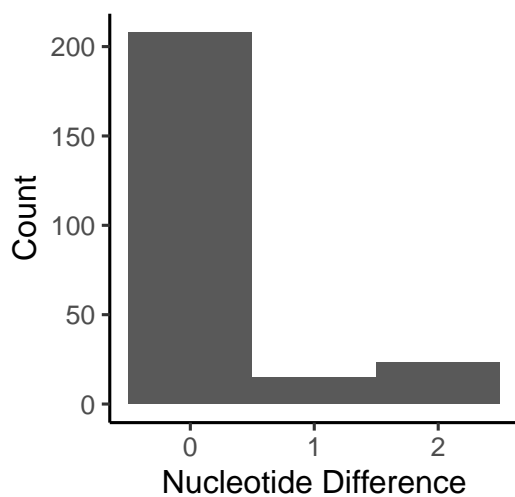
TRBV5-6*bp01

282 sequences assigned
193 (68.4%) exact matches, in which:
164 unique CDR3
14 unique J



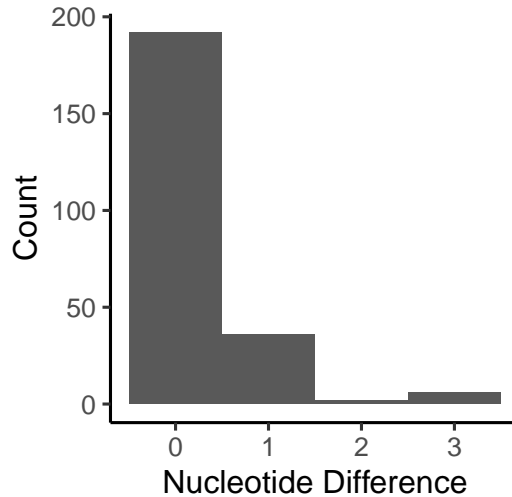
TRBV5-1*bp01

246 sequences assigned
208 (84.6%) exact matches, in which:
192 unique CDR3
13 unique J



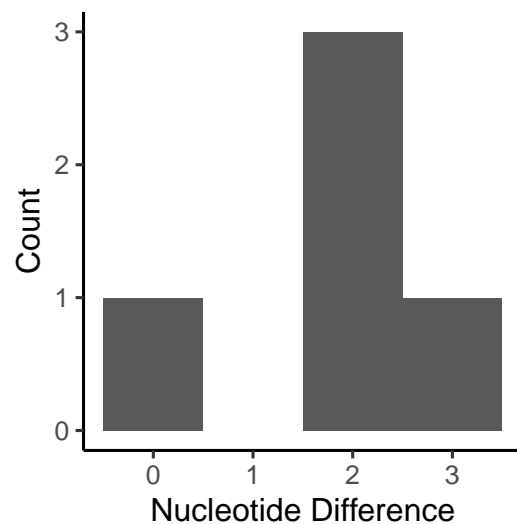
TRBV5-4*bp01

236 sequences assigned
192 (81.4%) exact matches, in which:
165 unique CDR3
14 unique J



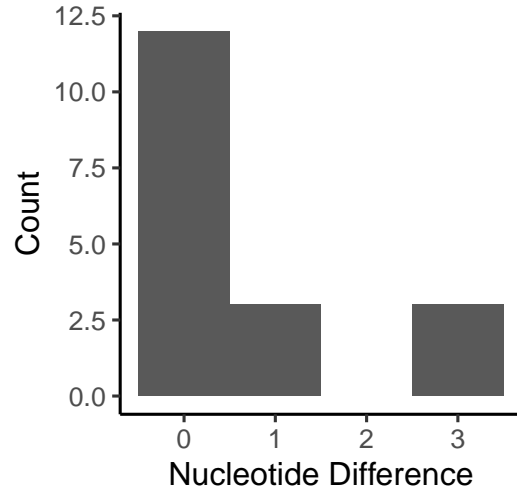
TRBV5-7*bp01

5 sequences assigned
1 (20%) exact matches, in which:
1 unique CDR3
1 unique J



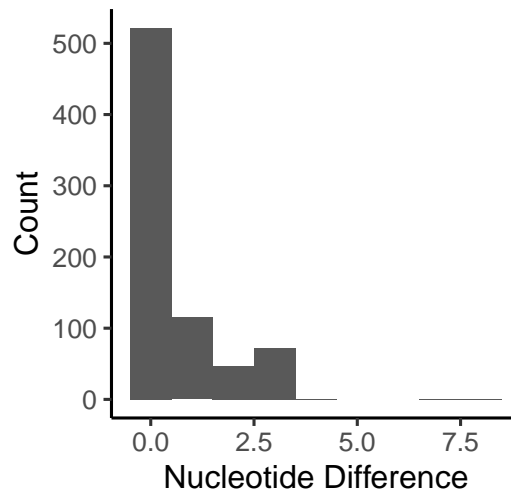
TRBV5–8*bp01

18 sequences assigned
12 (66.7%) exact matches, in which:
12 unique CDR3
7 unique J



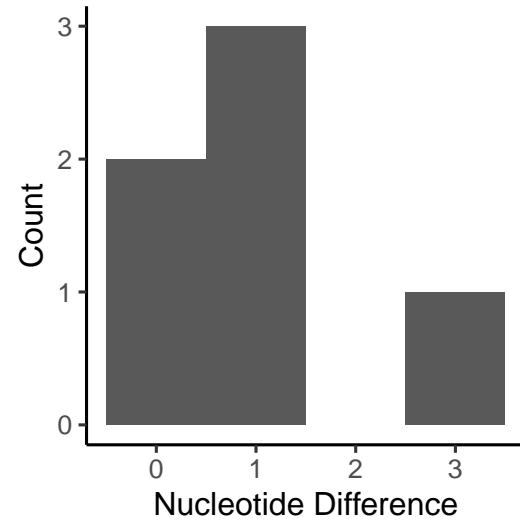
TRBV6–5*bp01

759 sequences assigned
522 (68.8%) exact matches, in which:
455 unique CDR3
14 unique J



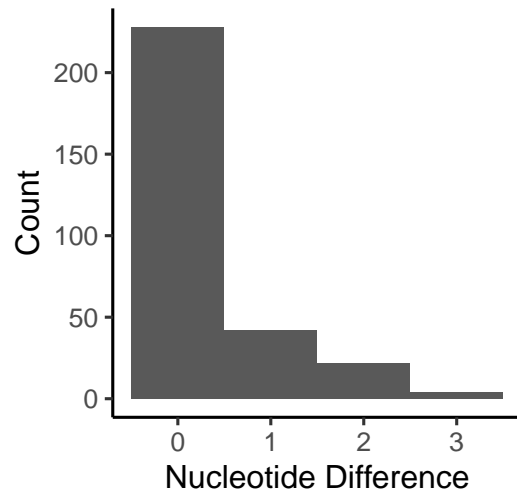
TRBV6–8*bp01

6 sequences assigned
2 (33.3%) exact matches, in which:
2 unique CDR3
2 unique J



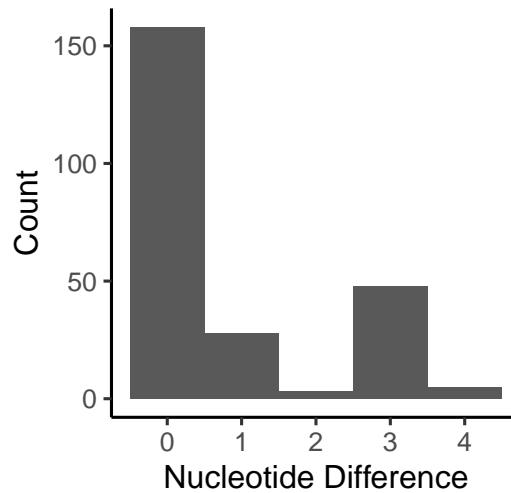
TRBV6–1*bp01

296 sequences assigned
228 (77%) exact matches, in which:
204 unique CDR3
14 unique J



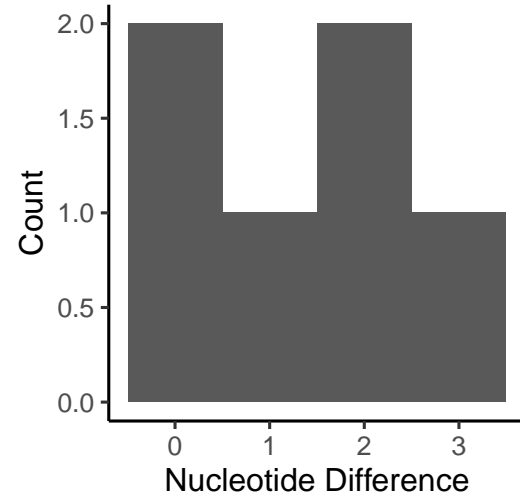
TRBV6–6*bp01

242 sequences assigned
158 (65.3%) exact matches, in which:
146 unique CDR3
12 unique J



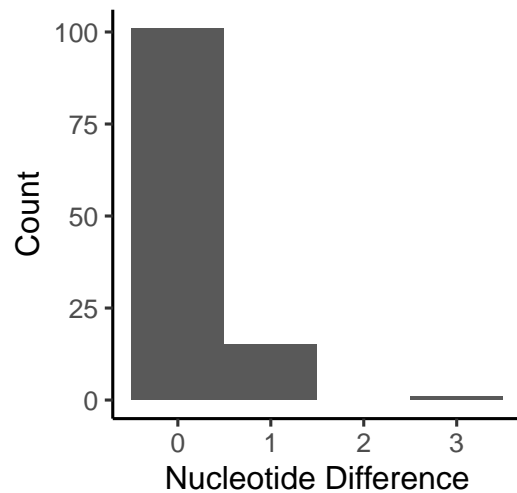
TRBV6–9*bp01

6 sequences assigned
2 (33.3%) exact matches, in which:
2 unique CDR3
2 unique J



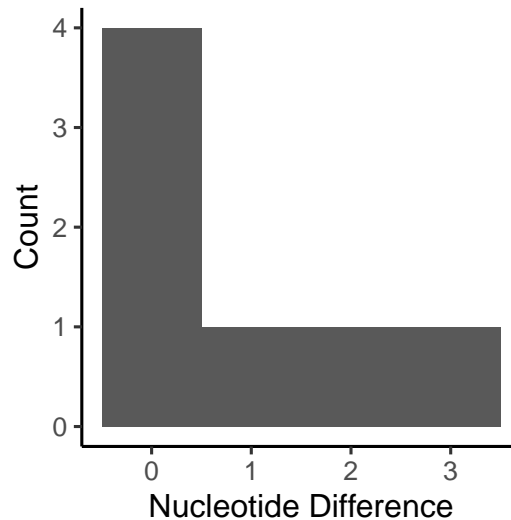
TRBV6–4*bp01

117 sequences assigned
101 (86.3%) exact matches, in which:
86 unique CDR3
13 unique J



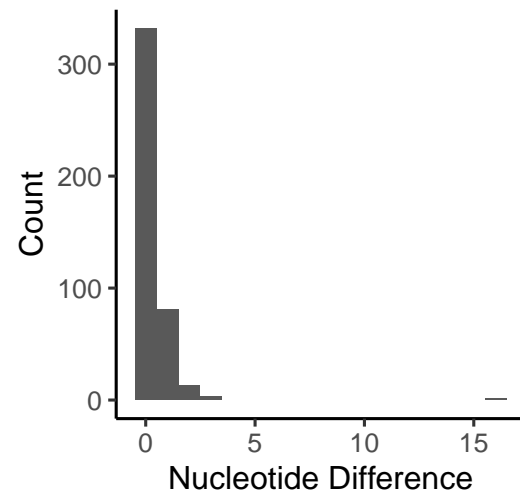
TRBV6–7*bp01

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



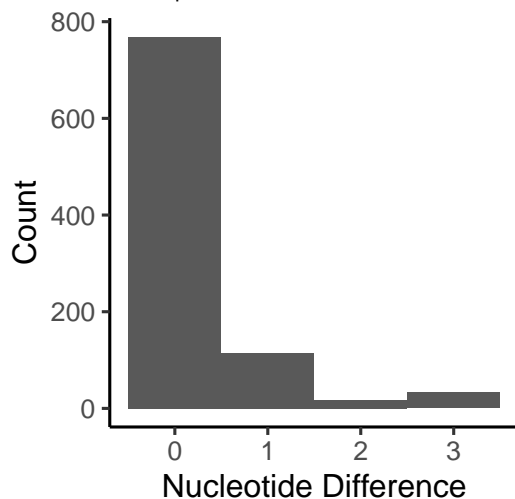
TRBV6–23*bp01

430 sequences assigned
332 (77.2%) exact matches, in which:
301 unique CDR3
14 unique J



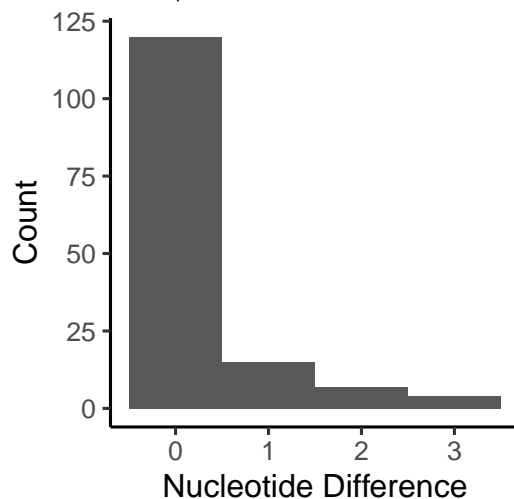
TRBV7-2*bp01

934 sequences assigned
769 (82.3%) exact matches, in which:
637 unique CDR3
14 unique J



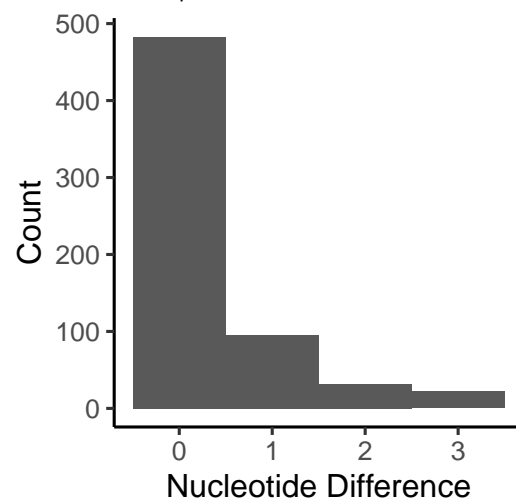
TRBV7-6*bp01

146 sequences assigned
120 (82.2%) exact matches, in which:
111 unique CDR3
12 unique J



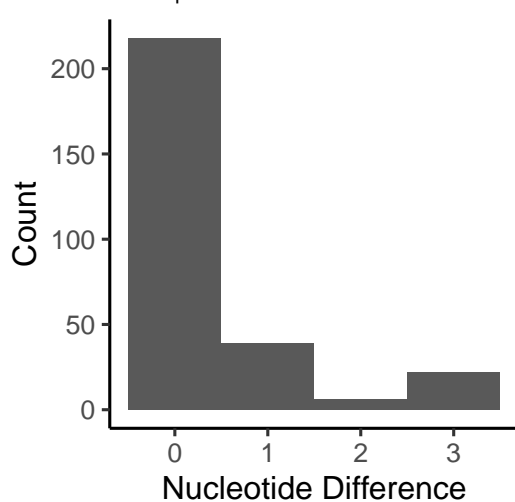
TRBV7-9*bp01

632 sequences assigned
483 (76.4%) exact matches, in which:
387 unique CDR3
14 unique J



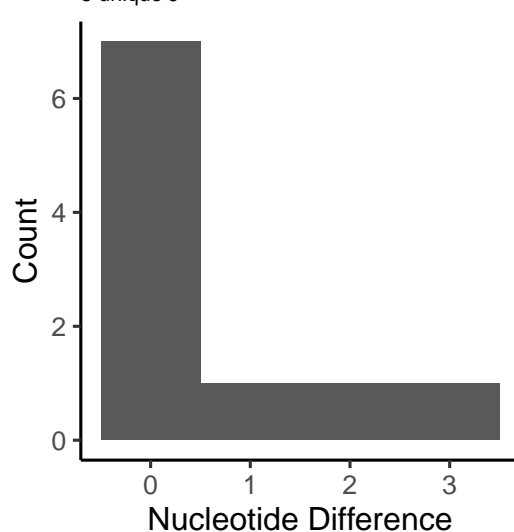
TRBV7-3*bp01

285 sequences assigned
218 (76.5%) exact matches, in which:
193 unique CDR3
14 unique J



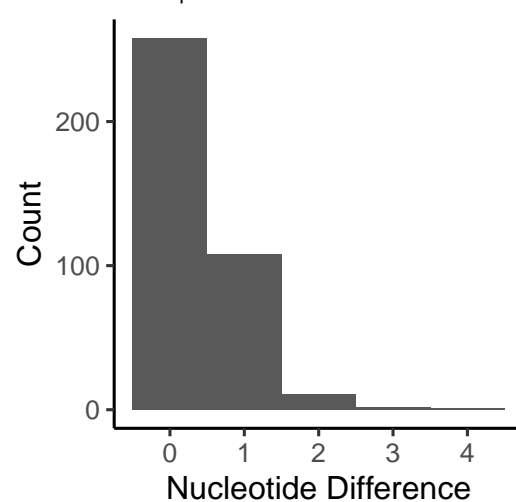
TRBV7-7*bp01

10 sequences assigned
7 (70%) exact matches, in which:
6 unique CDR3
5 unique J



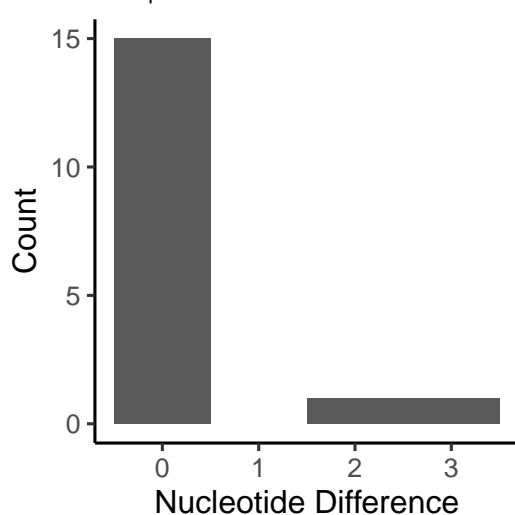
TRBV29-1*bp01

380 sequences assigned
258 (67.9%) exact matches, in which:
222 unique CDR3
13 unique J



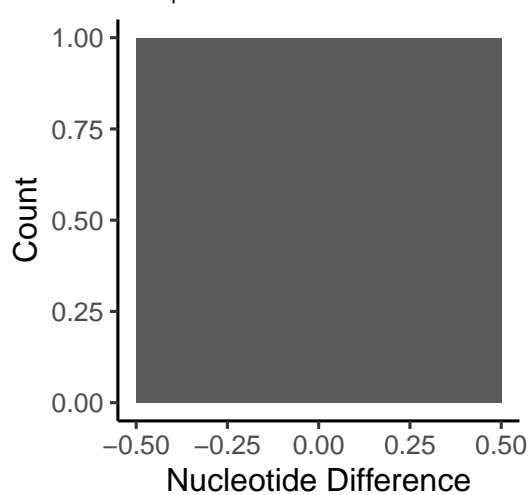
TRBV7-4*bp01

17 sequences assigned
15 (88.2%) exact matches, in which:
13 unique CDR3
9 unique J



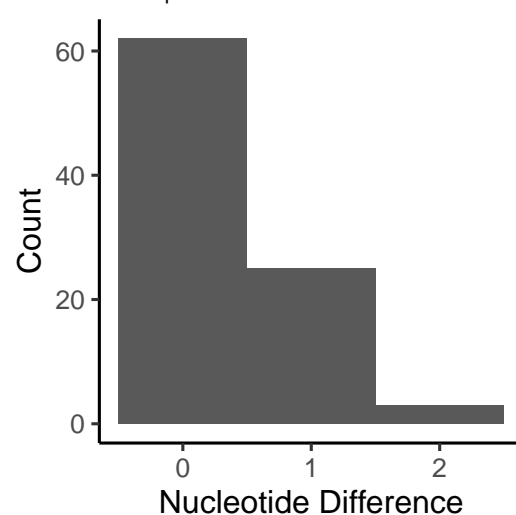
TRBV7-8*bp01

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

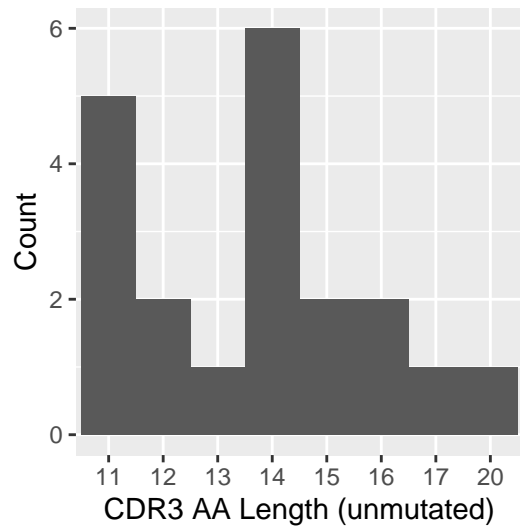


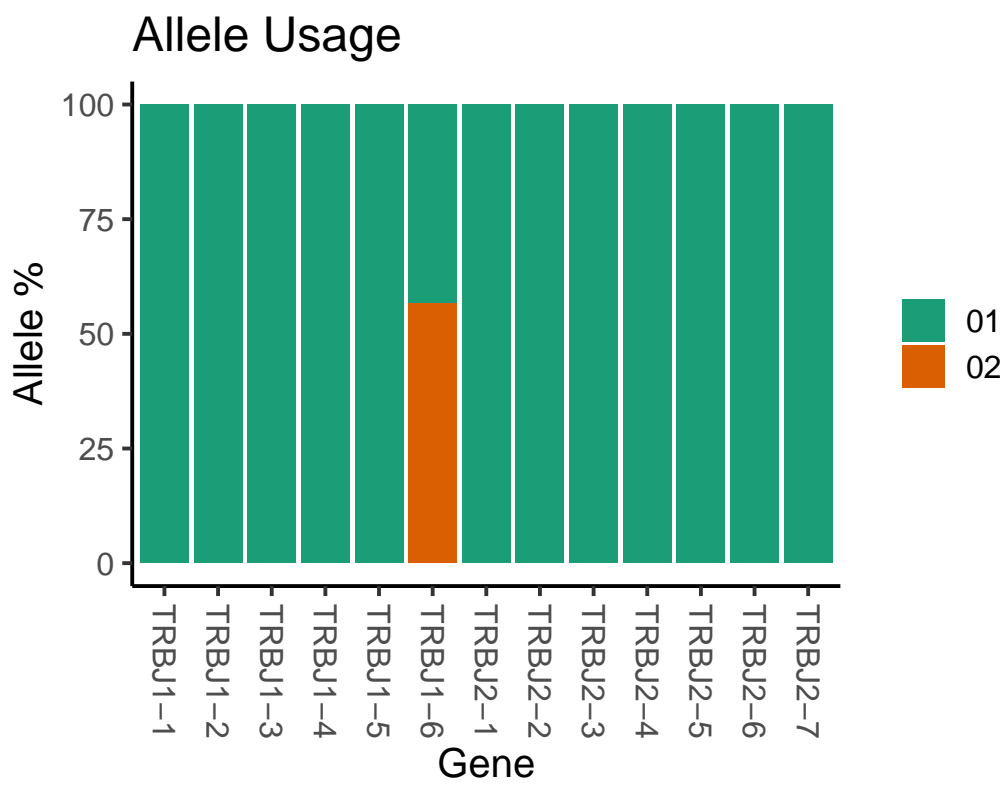
TRBV29-1*bp03

90 sequences assigned
62 (68.9%) exact matches, in which:
49 unique CDR3
12 unique J

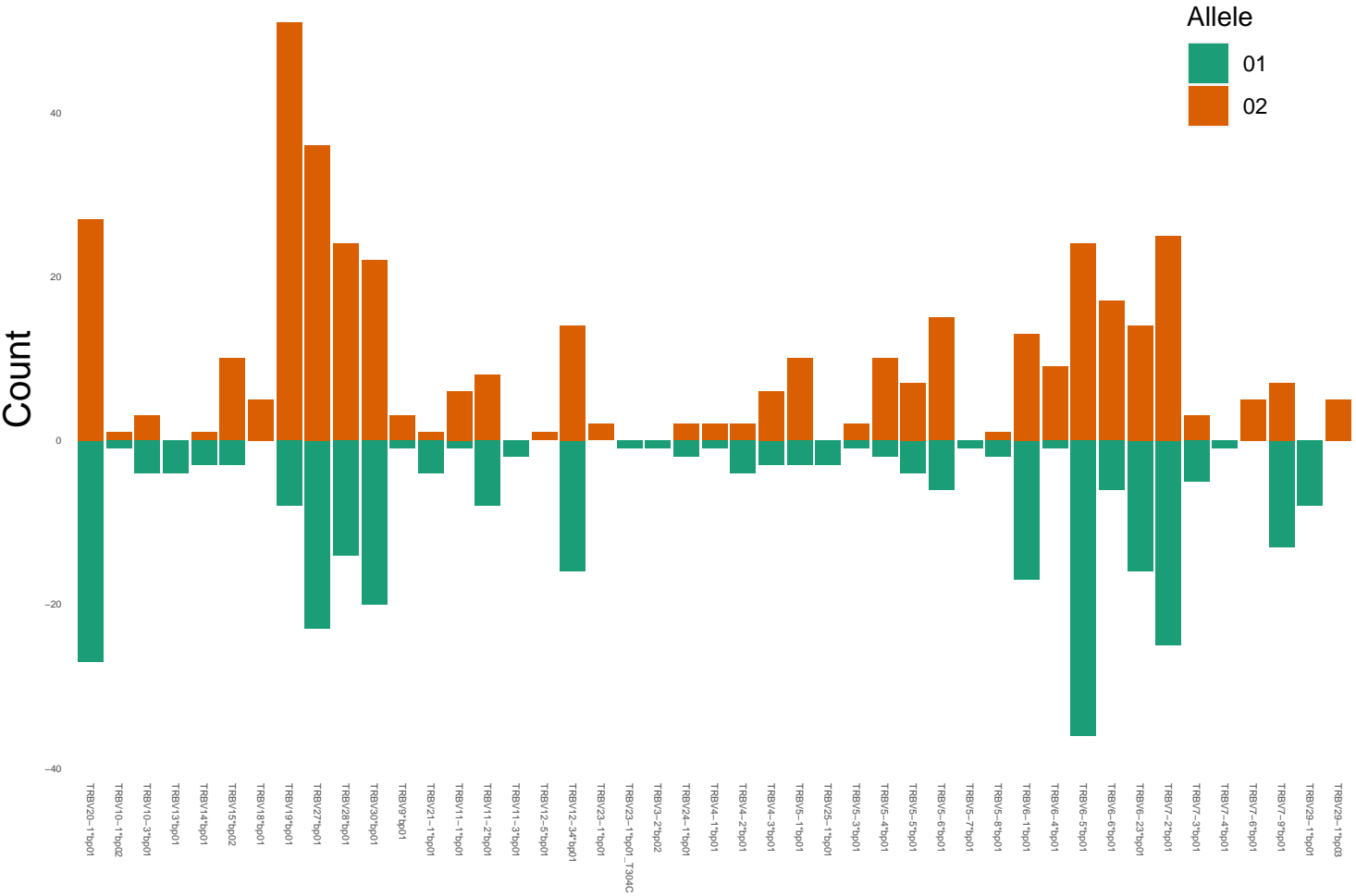


TRBV23-1*bp01_T304C





Sequence Count by TRBJ1–6 allele usage



[illegible]