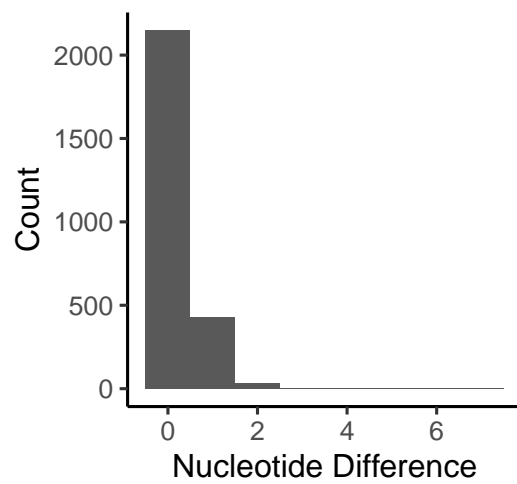


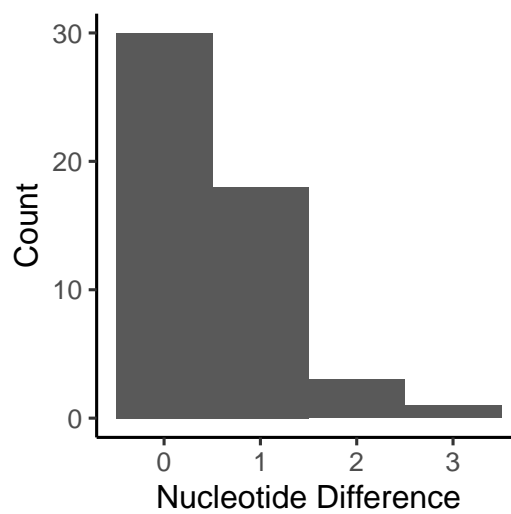
TRBV20-1*bp01

2627 sequences assigned
2148 (81.8%) exact matches, in which:
1252 unique CDR3
14 unique J



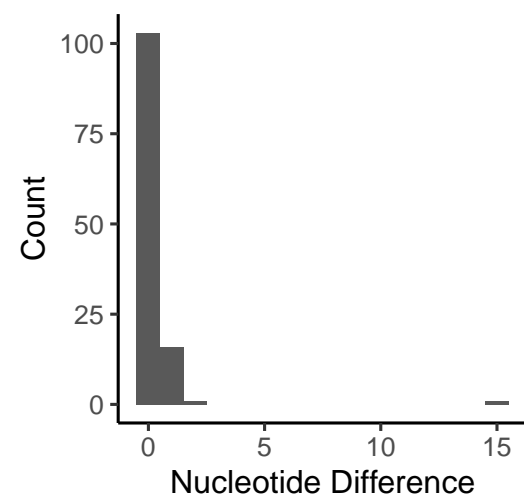
TRBV10-2*bp02

52 sequences assigned
30 (57.7%) exact matches, in which:
27 unique CDR3
9 unique J



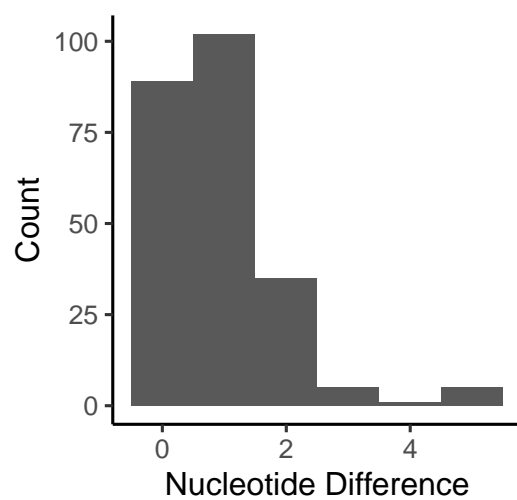
TRBV14*bp01

121 sequences assigned
103 (85.1%) exact matches, in which:
88 unique CDR3
13 unique J



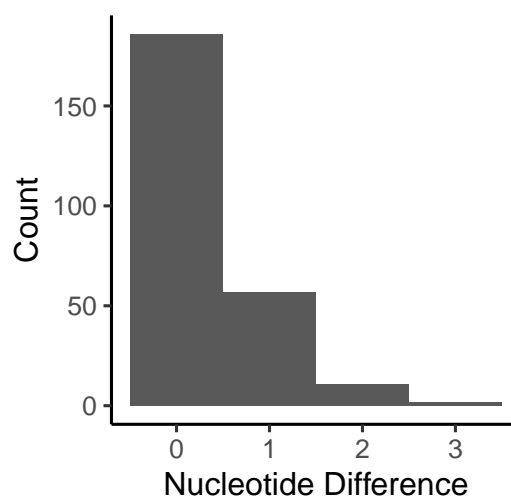
TRBV10-1*bp02

237 sequences assigned
89 (37.6%) exact matches, in which:
75 unique CDR3
10 unique J



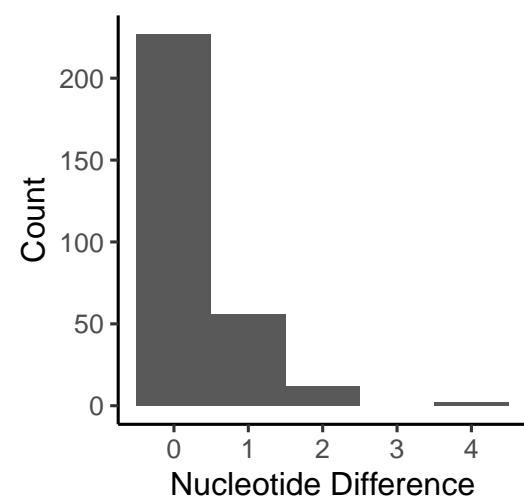
TRBV10-3*bp01

256 sequences assigned
186 (72.7%) exact matches, in which:
165 unique CDR3
14 unique J



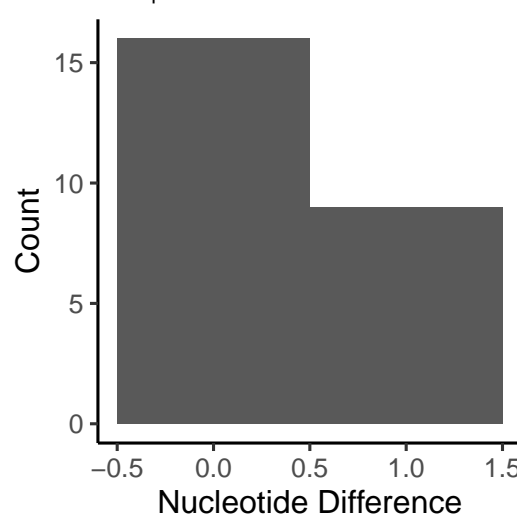
TRBV15*bp02

297 sequences assigned
227 (76.4%) exact matches, in which:
175 unique CDR3
14 unique J



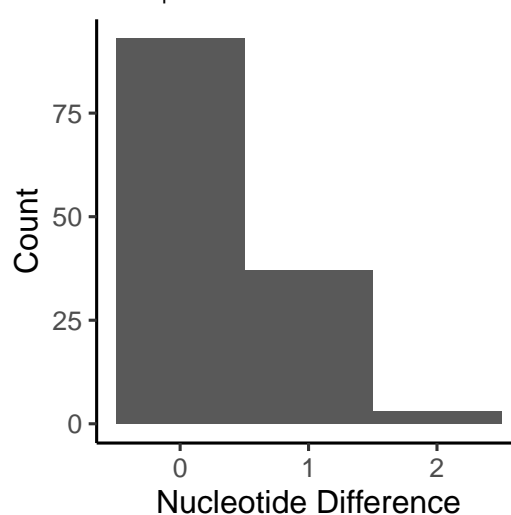
TRBV10-2*bp01

25 sequences assigned
16 (64%) exact matches, in which:
15 unique CDR3
8 unique J



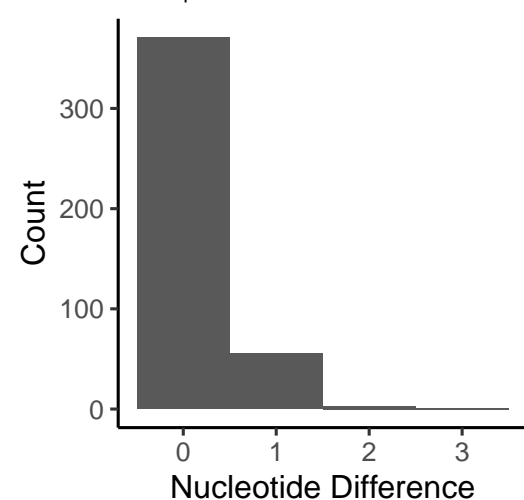
TRBV13*bp01

133 sequences assigned
93 (69.9%) exact matches, in which:
81 unique CDR3
13 unique J



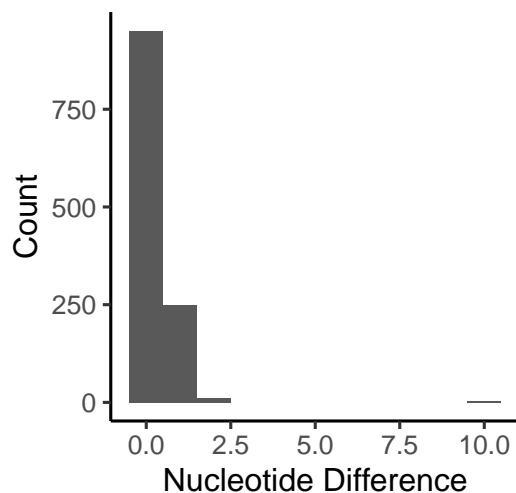
TRBV18*bp01

430 sequences assigned
371 (86.3%) exact matches, in which:
295 unique CDR3
14 unique J



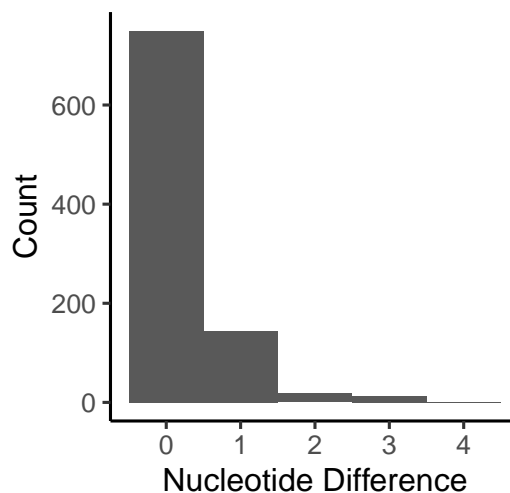
TRBV19*bp01

1214 sequences assigned
951 (78.3%) exact matches, in which:
685 unique CDR3
14 unique J



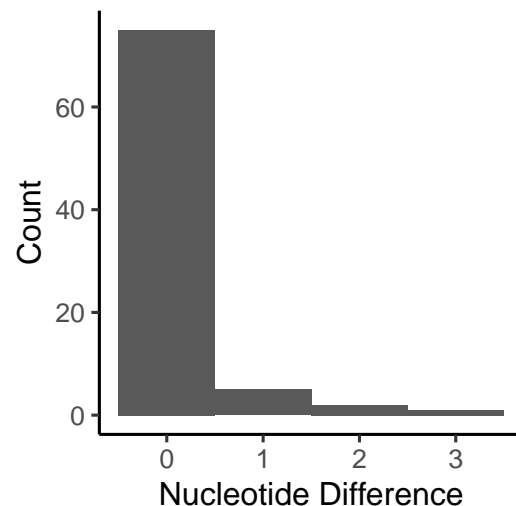
TRBV28*bp01

926 sequences assigned
750 (81%) exact matches, in which:
639 unique CDR3
14 unique J



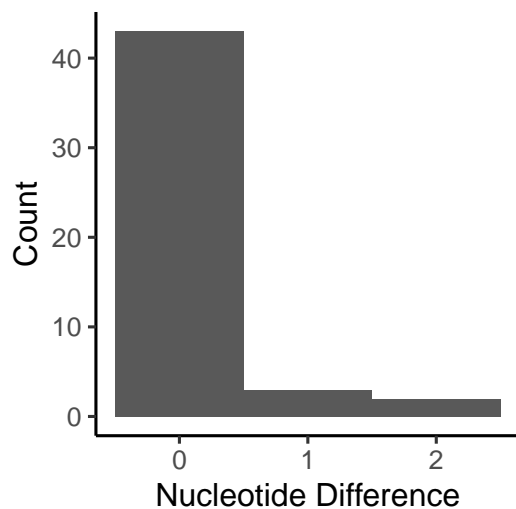
TRBV9*bp01

83 sequences assigned
75 (90.4%) exact matches, in which:
71 unique CDR3
13 unique J



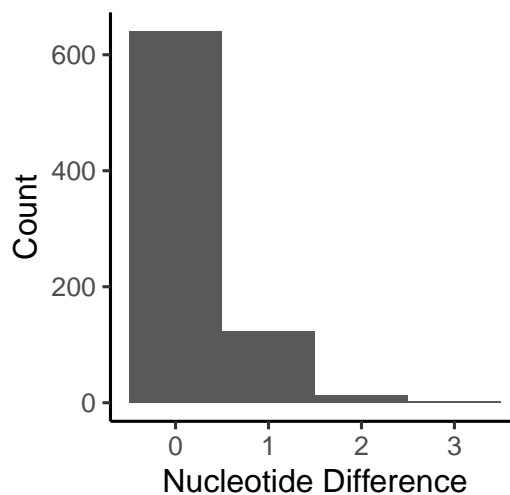
TRBV2*bp01

48 sequences assigned
43 (89.6%) exact matches, in which:
43 unique CDR3
11 unique J



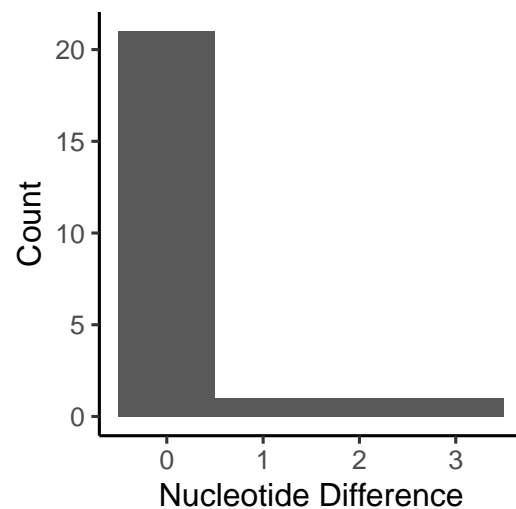
TRBV30*bp01

780 sequences assigned
641 (82.2%) exact matches, in which:
367 unique CDR3
14 unique J



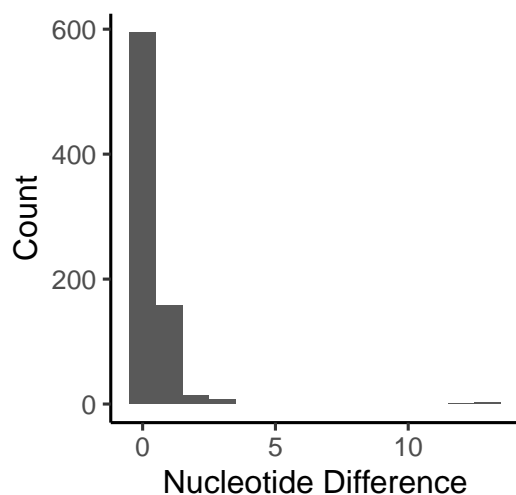
TRBV9*bp02

24 sequences assigned
21 (87.5%) exact matches, in which:
21 unique CDR3
9 unique J



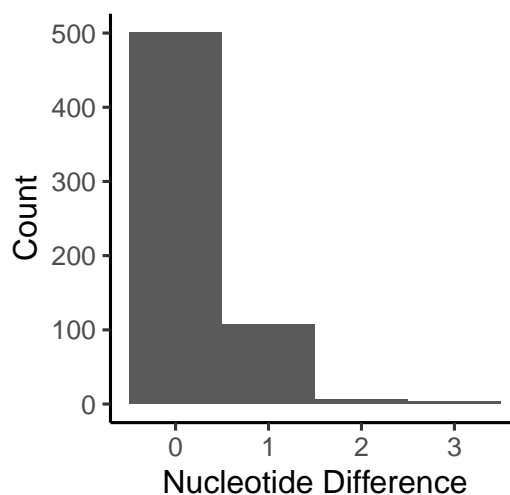
TRBV27*bp01

776 sequences assigned
595 (76.7%) exact matches, in which:
491 unique CDR3
15 unique J



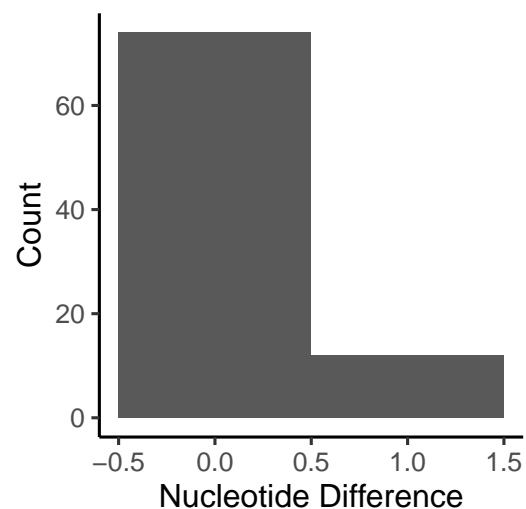
TRBV30*bp02

617 sequences assigned
501 (81.2%) exact matches, in which:
306 unique CDR3
14 unique J



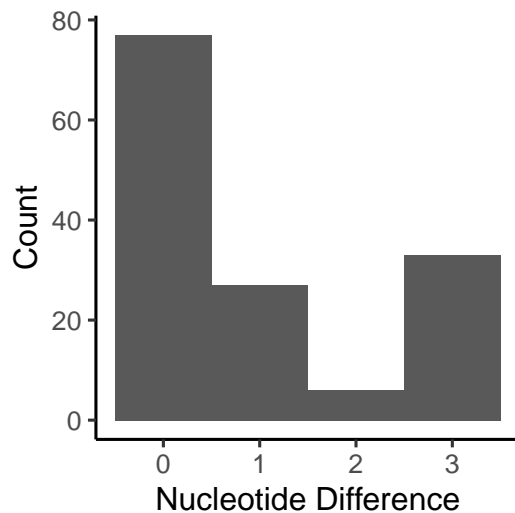
TRBV21-1*bp01

86 sequences assigned
74 (86%) exact matches, in which:
68 unique CDR3
14 unique J



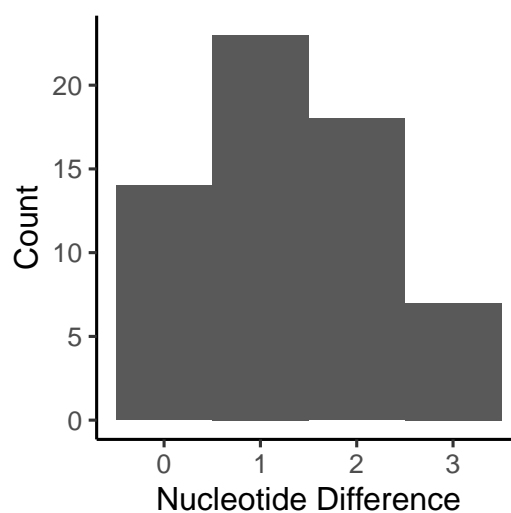
TRBV11-1*bp01

143 sequences assigned
77 (53.8%) exact matches, in which:
64 unique CDR3
10 unique J



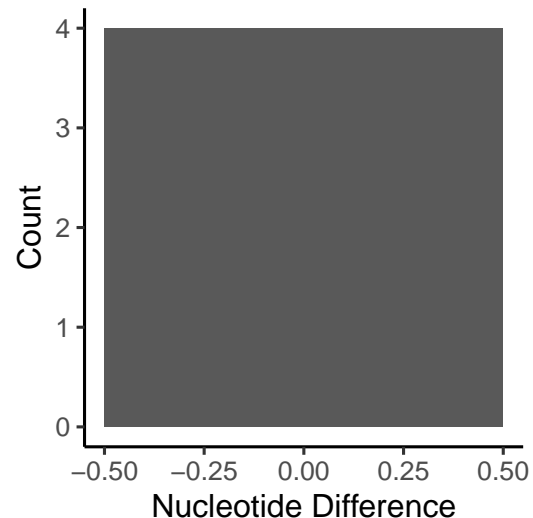
TRBV12-5*bp01

62 sequences assigned
14 (22.6%) exact matches, in which:
12 unique CDR3
7 unique J



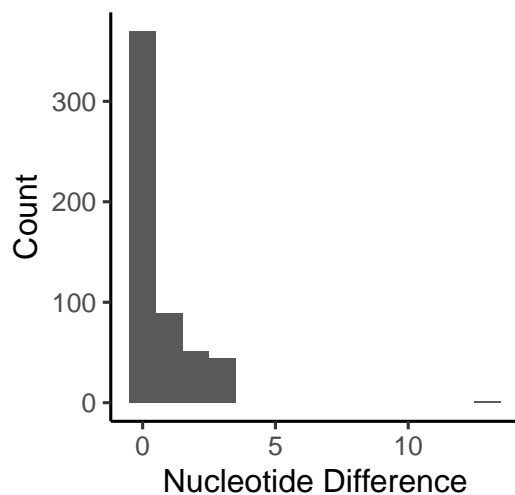
TRBV3-1*bp01

4 sequences assigned
4 (100%) exact matches, in which:
4 unique CDR3
4 unique J



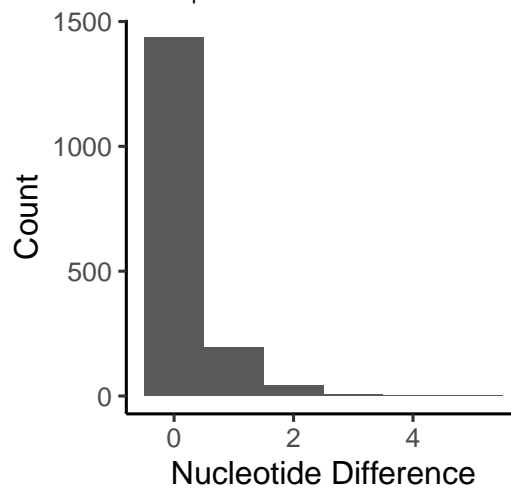
TRBV11-2*bp01

555 sequences assigned
370 (66.7%) exact matches, in which:
312 unique CDR3
14 unique J



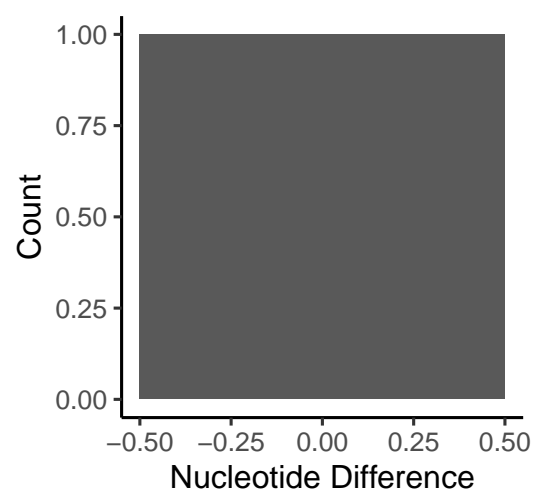
TRBV12-34*bp01

1680 sequences assigned
1435 (85.4%) exact matches, in which:
875 unique CDR3
14 unique J



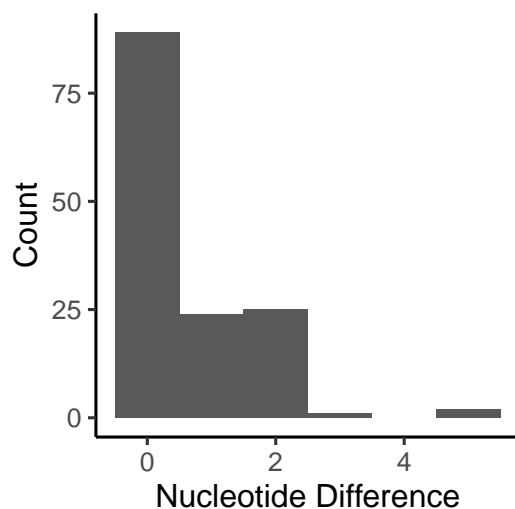
TRBV3-2*bp02

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



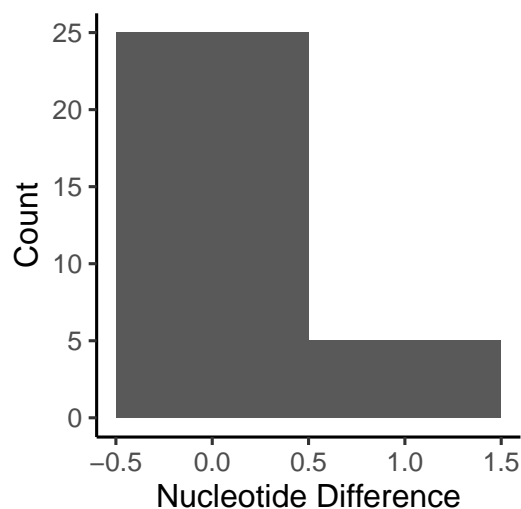
TRBV11-3*bp01

141 sequences assigned
89 (63.1%) exact matches, in which:
81 unique CDR3
12 unique J



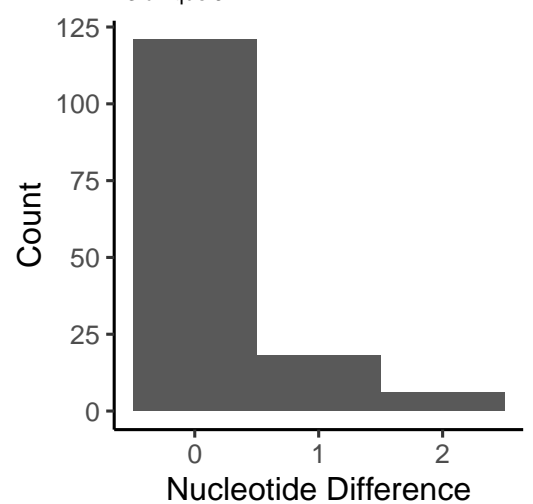
TRBV23-1*bp01

31 sequences assigned
25 (80.6%) exact matches, in which:
25 unique CDR3
12 unique J



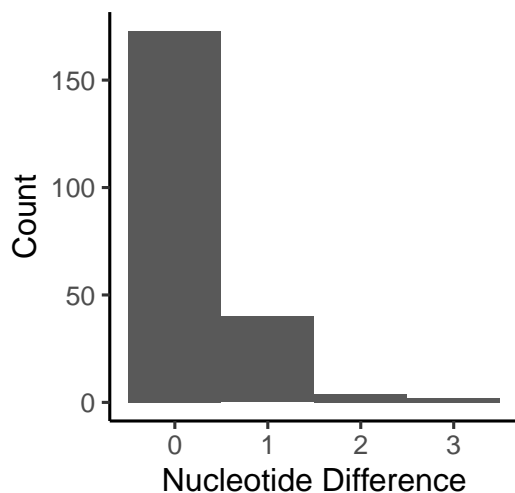
TRBV4-1*bp01

145 sequences assigned
121 (83.4%) exact matches, in which:
115 unique CDR3
13 unique J



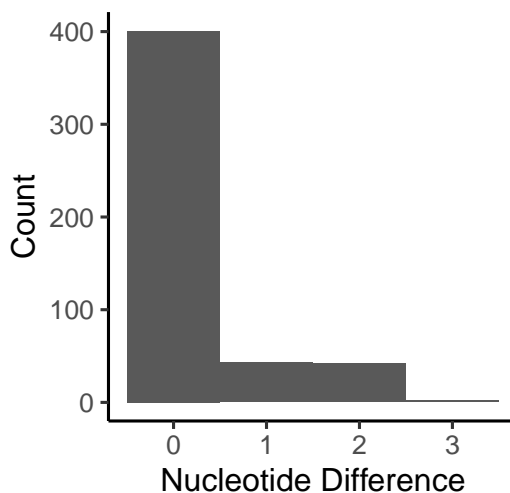
TRBV24–1*bp01

219 sequences assigned
173 (79%) exact matches, in which:
149 unique CDR3
13 unique J



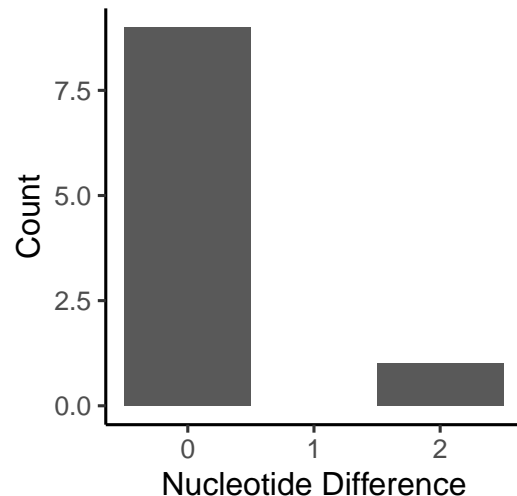
TRBV5–1*bp01

488 sequences assigned
401 (82.2%) exact matches, in which:
345 unique CDR3
13 unique J



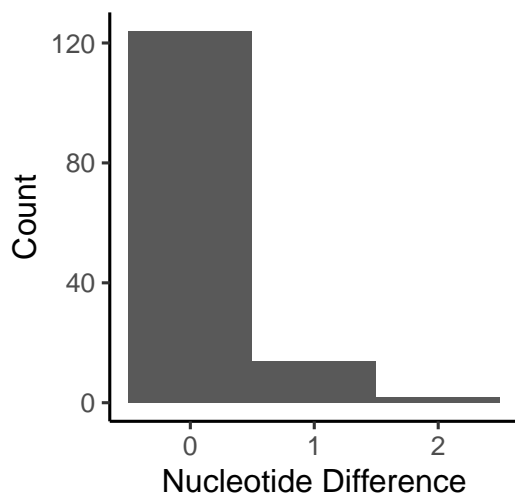
TRBV5–3*bp02

10 sequences assigned
9 (90%) exact matches, in which:
8 unique CDR3
6 unique J



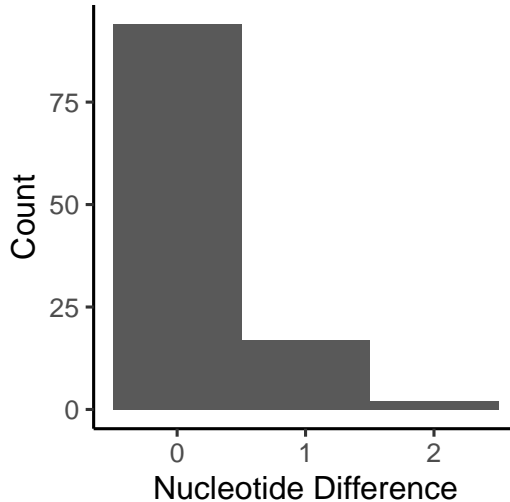
TRBV4–2*bp01

140 sequences assigned
124 (88.6%) exact matches, in which:
104 unique CDR3
13 unique J



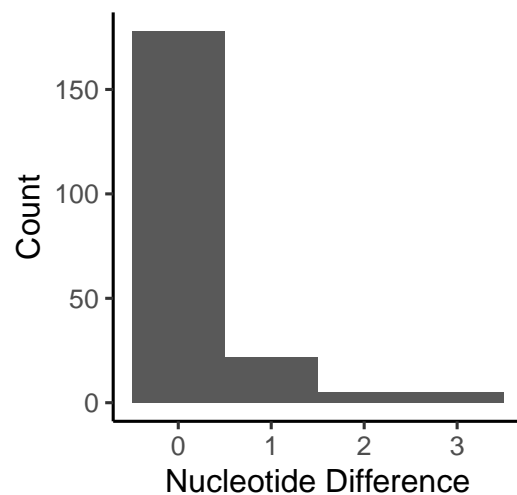
TRBV25–1*bp01

113 sequences assigned
94 (83.2%) exact matches, in which:
72 unique CDR3
12 unique J



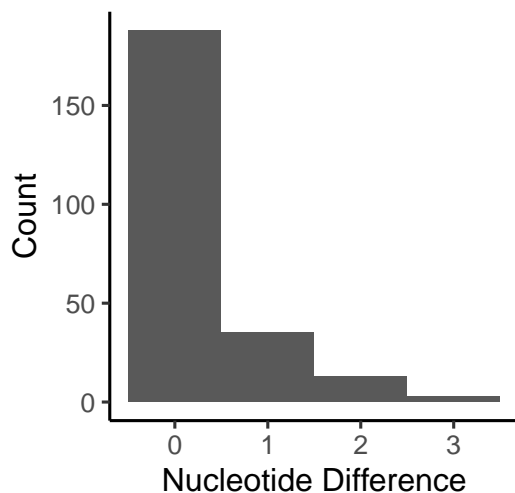
TRBV5–4*bp01

210 sequences assigned
178 (84.8%) exact matches, in which:
150 unique CDR3
14 unique J



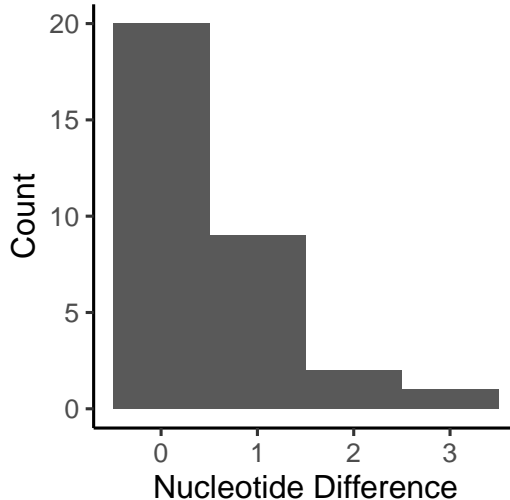
TRBV4–3*bp01

239 sequences assigned
188 (78.7%) exact matches, in which:
153 unique CDR3
13 unique J



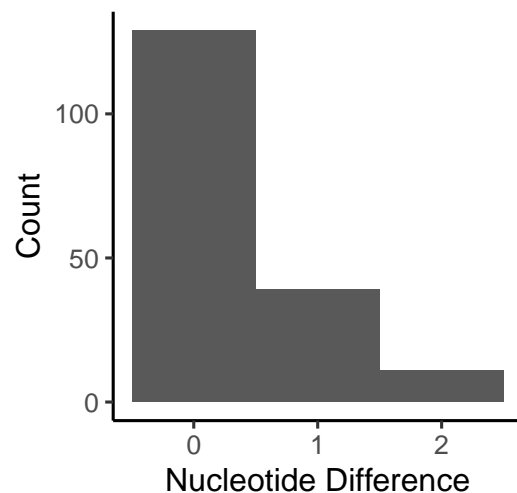
TRBV5–3*bp01

32 sequences assigned
20 (62.5%) exact matches, in which:
19 unique CDR3
9 unique J



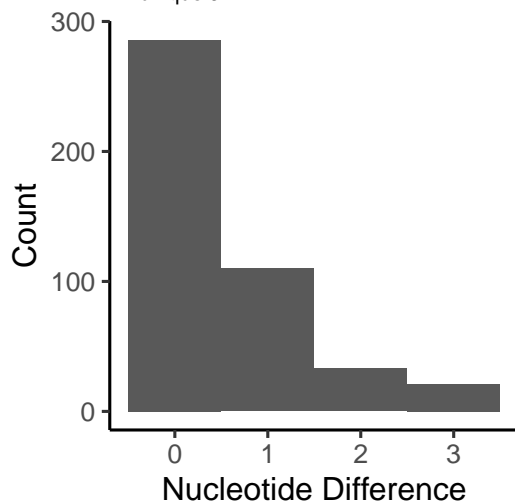
TRBV5–5*bp01

179 sequences assigned
129 (72.1%) exact matches, in which:
103 unique CDR3
13 unique J



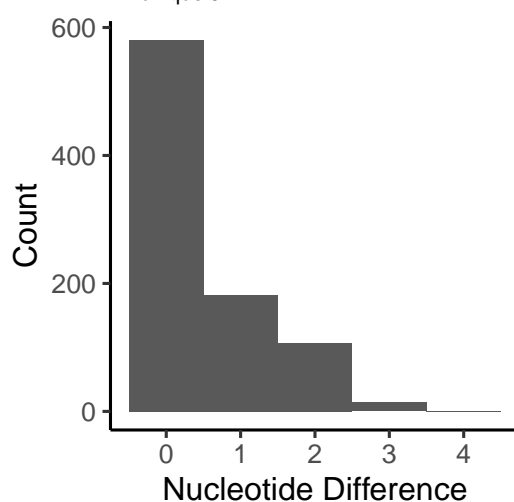
TRBV5-6*bp01

450 sequences assigned
286 (63.6%) exact matches, in which:
232 unique CDR3
14 unique J



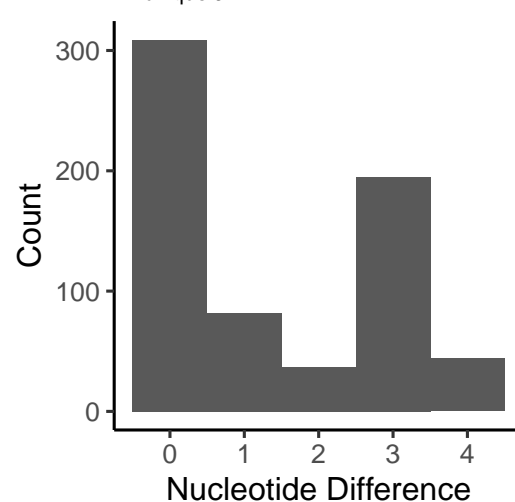
TRBV6-1*bp01

885 sequences assigned
581 (65.6%) exact matches, in which:
517 unique CDR3
14 unique J



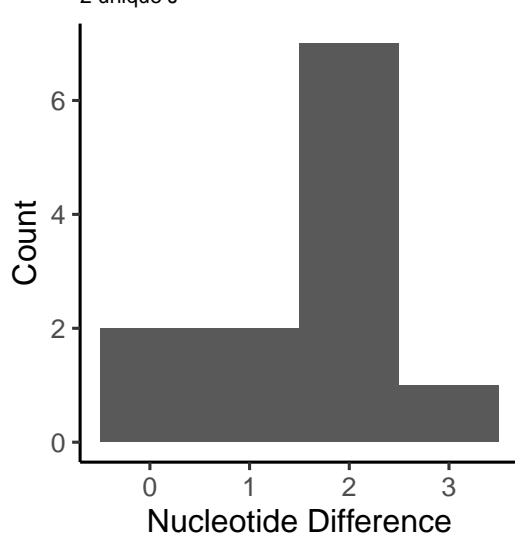
TRBV6-6*bp01

667 sequences assigned
309 (46.3%) exact matches, in which:
281 unique CDR3
14 unique J



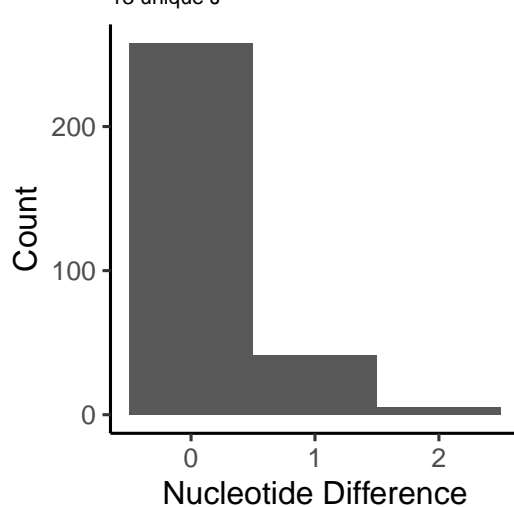
TRBV5-7*bp01

12 sequences assigned
2 (16.7%) exact matches, in which:
2 unique CDR3
2 unique J



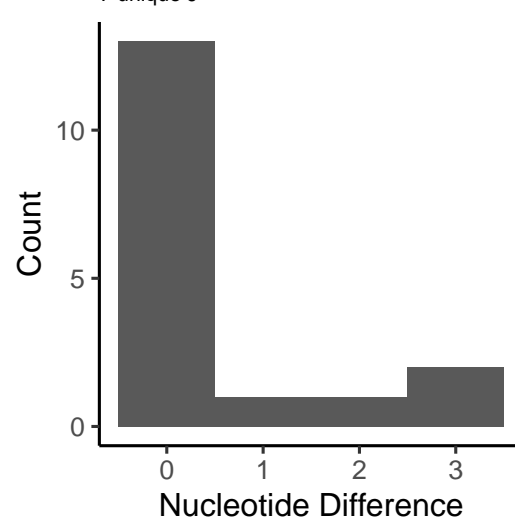
TRBV6-4*bp01

304 sequences assigned
258 (84.9%) exact matches, in which:
203 unique CDR3
13 unique J



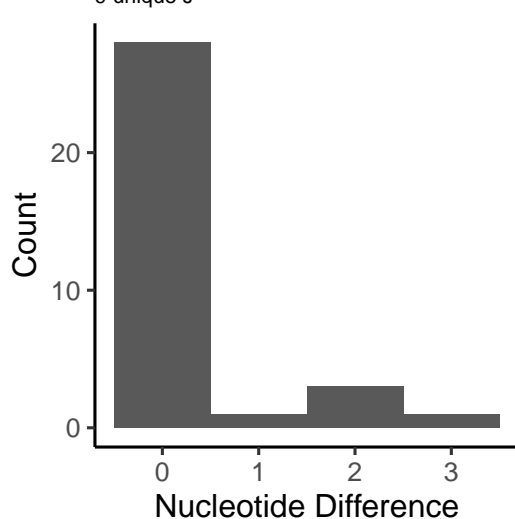
TRBV6-7*bp01

17 sequences assigned
13 (76.5%) exact matches, in which:
11 unique CDR3
7 unique J



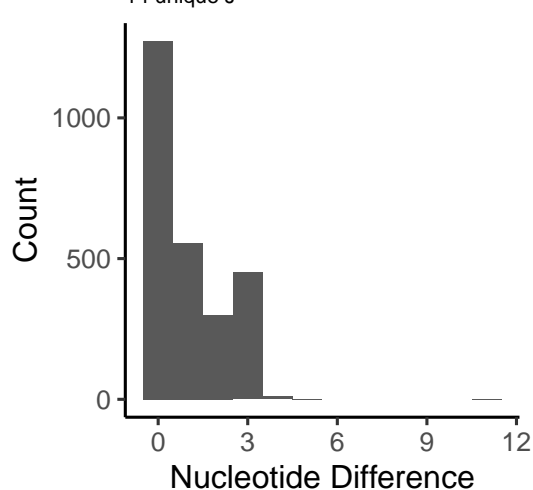
TRBV5-8*bp01

33 sequences assigned
28 (84.8%) exact matches, in which:
26 unique CDR3
9 unique J



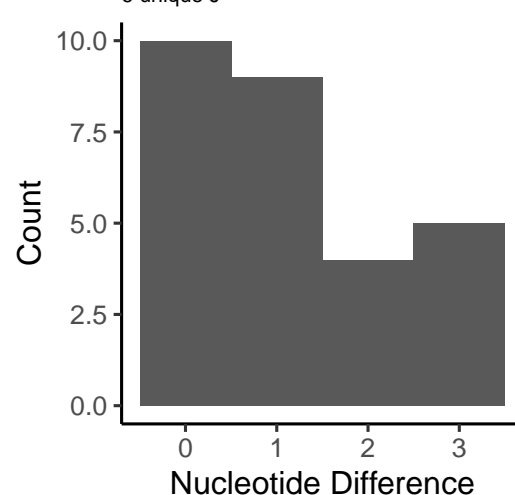
TRBV6-5*bp01

2591 sequences assigned
1273 (49.1%) exact matches, in which:
1105 unique CDR3
14 unique J



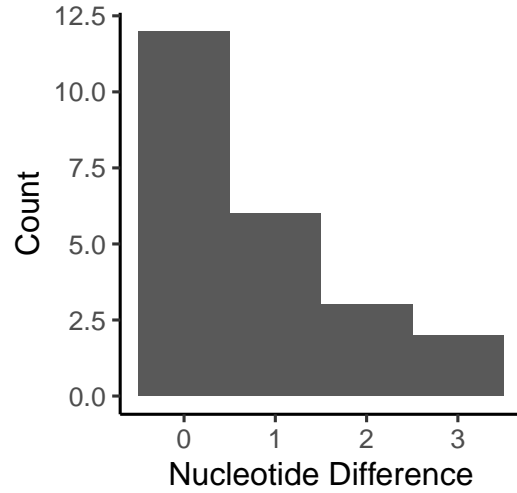
TRBV6-8*bp01

28 sequences assigned
10 (35.7%) exact matches, in which:
9 unique CDR3
6 unique J



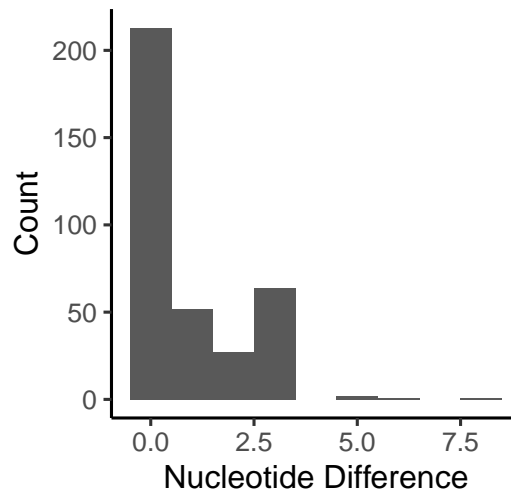
TRBV6-9*bp01

23 sequences assigned
12 (52.2%) exact matches, in which:
9 unique CDR3
7 unique J



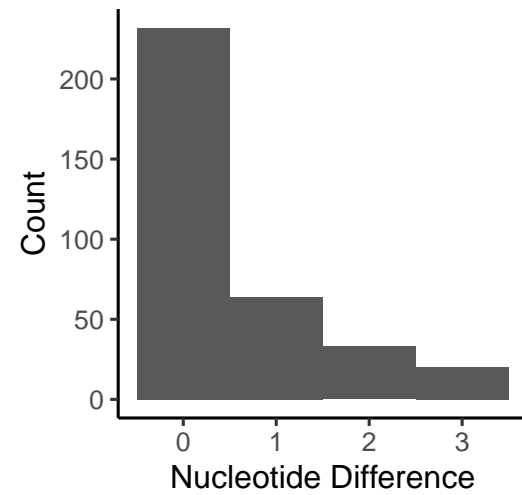
TRBV7-3*bp01

360 sequences assigned
213 (59.2%) exact matches, in which:
169 unique CDR3
14 unique J



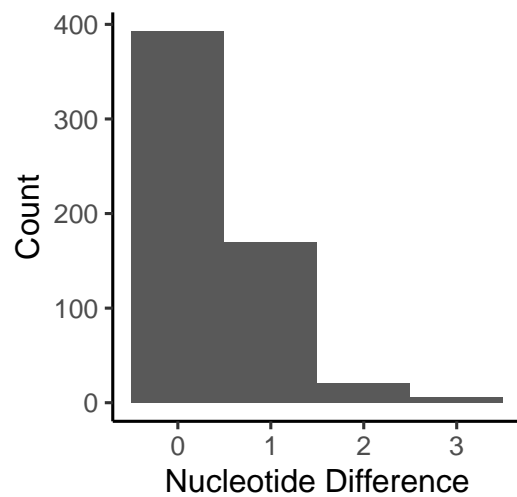
TRBV7-6*bp01

349 sequences assigned
232 (66.5%) exact matches, in which:
177 unique CDR3
14 unique J



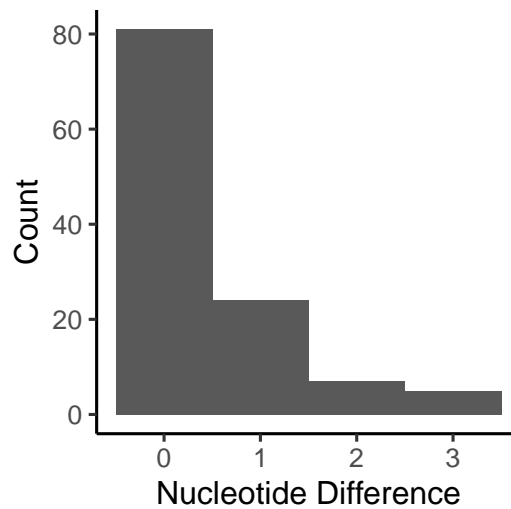
TRBV6-23*bp01

590 sequences assigned
393 (66.6%) exact matches, in which:
329 unique CDR3
14 unique J



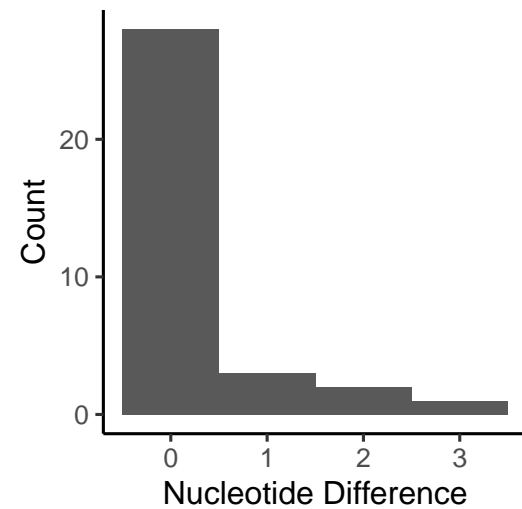
TRBV7-3*bp03

117 sequences assigned
81 (69.2%) exact matches, in which:
65 unique CDR3
13 unique J



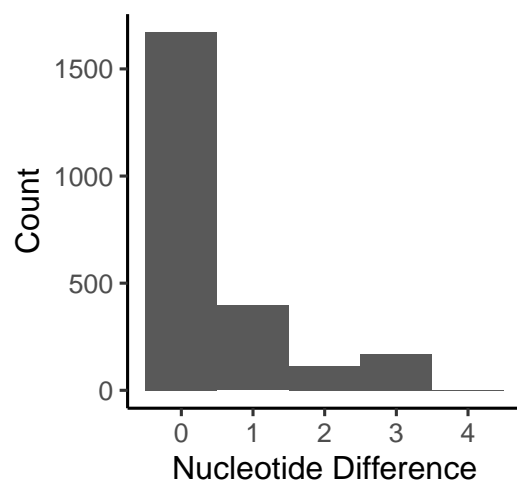
TRBV7-7*bp01

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



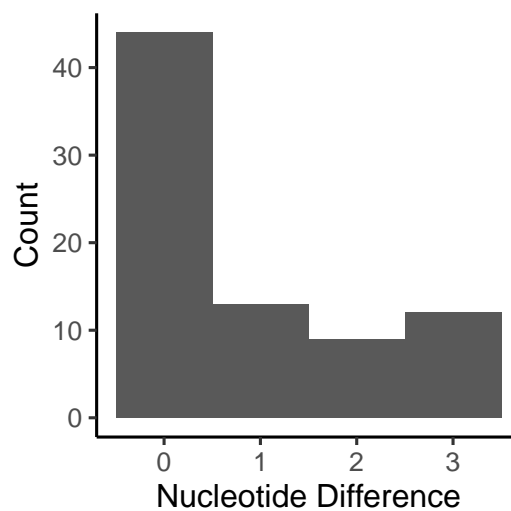
TRBV7-2*bp01

2351 sequences assigned
1672 (71.1%) exact matches, in which:
1110 unique CDR3
14 unique J



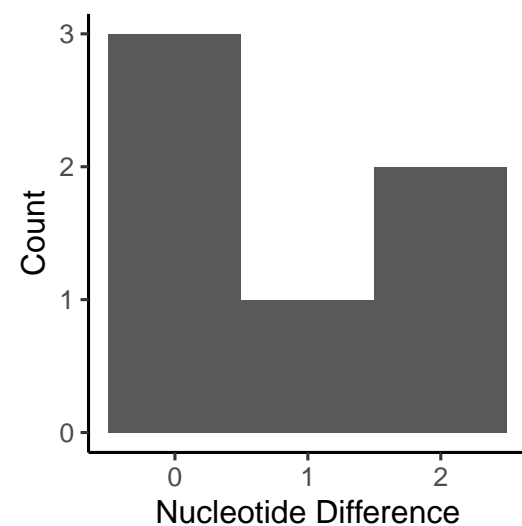
TRBV7-4*bp01

78 sequences assigned
44 (56.4%) exact matches, in which:
38 unique CDR3
13 unique J



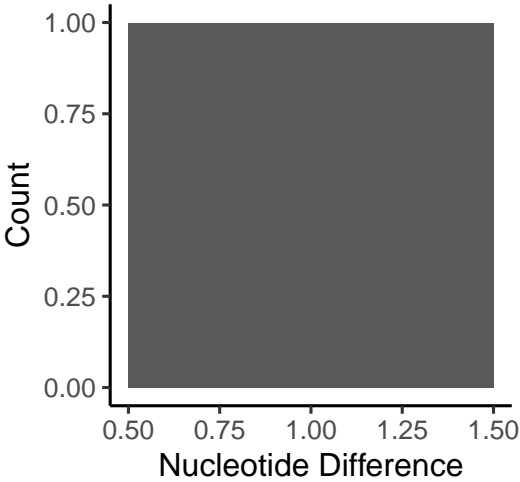
TRBV7-8*bp01

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



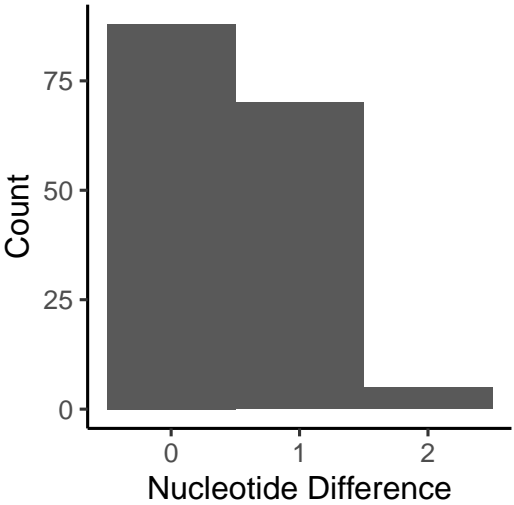
TRBV7–8*bp03

1 sequences assigned
No exact matches.



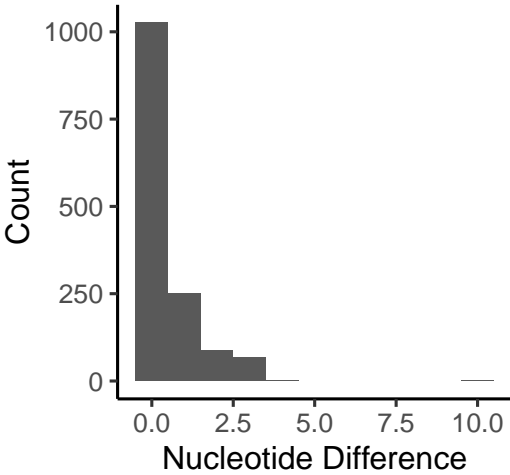
TRBV29–1*bp03

163 sequences assigned
88 (54%) exact matches, in which:
67 unique CDR3
9 unique J



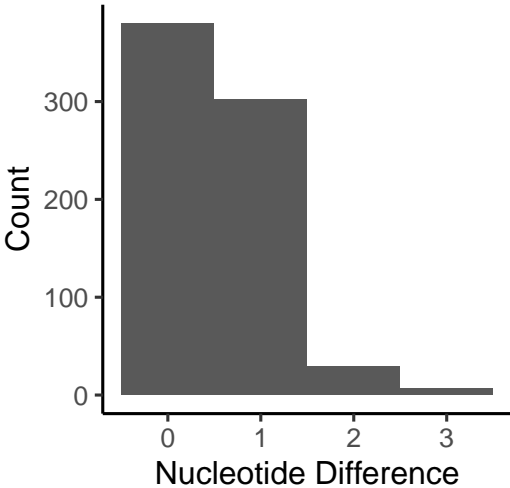
TRBV7–9*bp01

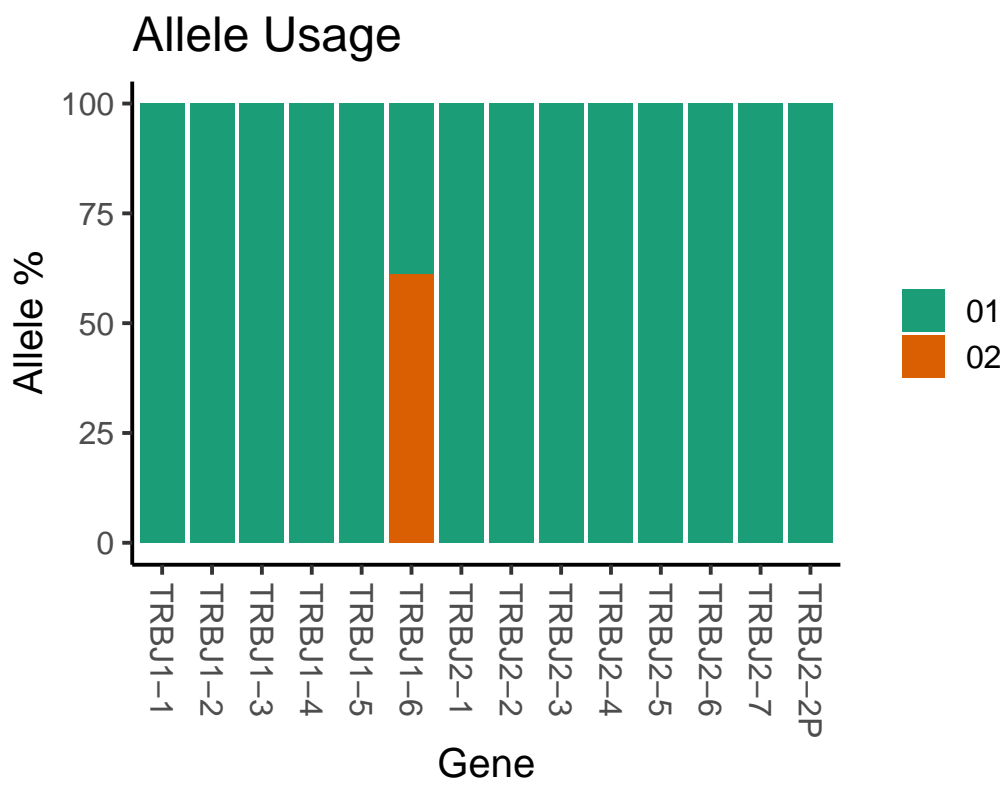
1432 sequences assigned
1026 (71.6%) exact matches, in which:
713 unique CDR3
14 unique J



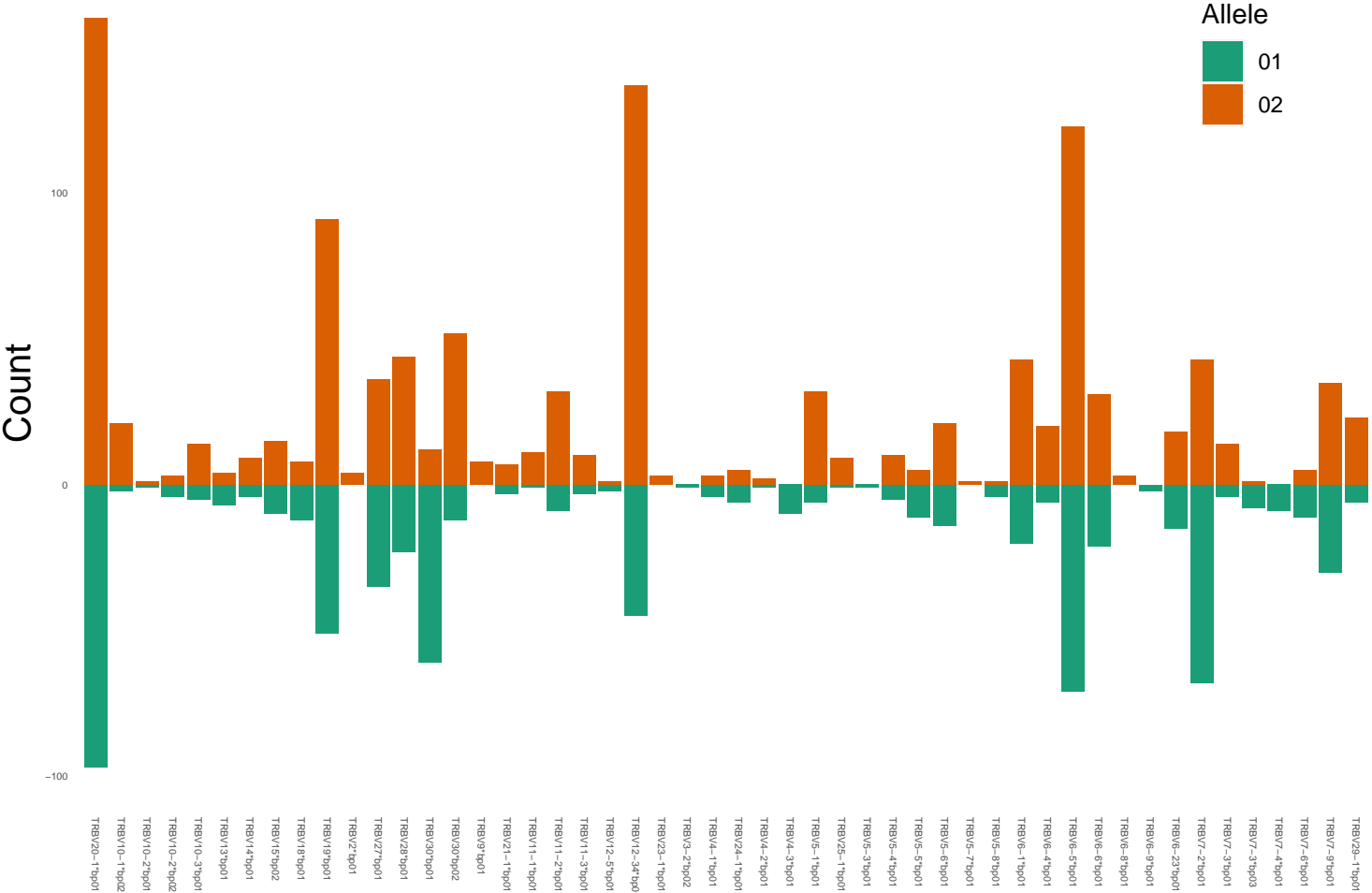
TRBV29–1*bp01

718 sequences assigned
380 (52.9%) exact matches, in which:
299 unique CDR3
14 unique J





Sequence Count by TRBJ1–6 allele usage



Warning – no inferred sequences found.