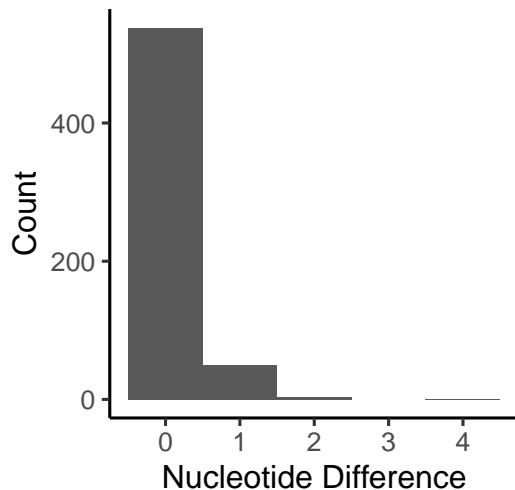


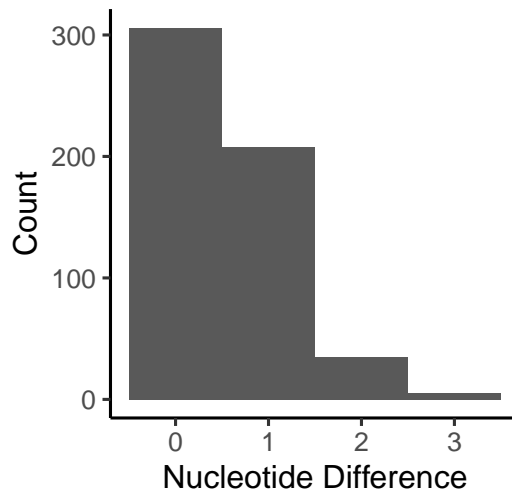
TRBV20–1*bp01

593 sequences assigned
538 (90.7%) exact matches, in which:
346 unique CDR3
13 unique J



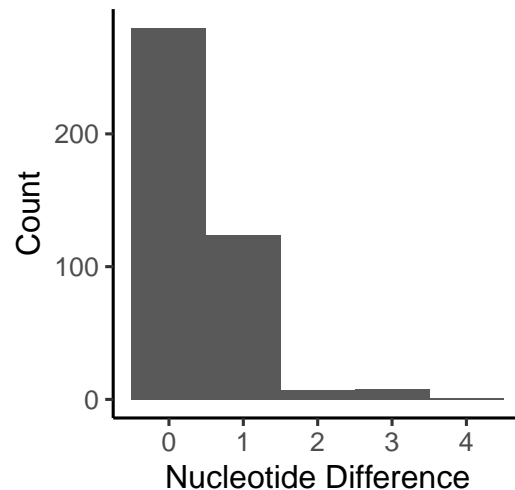
TRBV10–3*bp01

554 sequences assigned
306 (55.2%) exact matches, in which:
220 unique CDR3
14 unique J



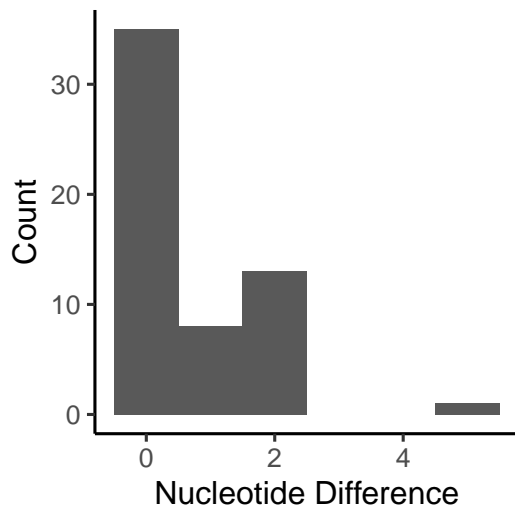
TRBV15*bp02

420 sequences assigned
280 (66.7%) exact matches, in which:
147 unique CDR3
13 unique J



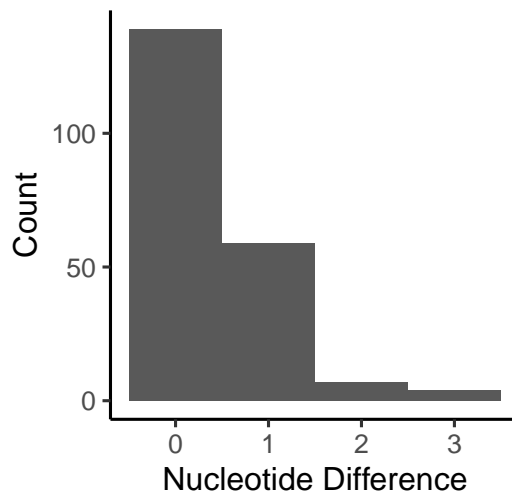
TRBV10–1*bp02

57 sequences assigned
35 (61.4%) exact matches, in which:
28 unique CDR3
10 unique J



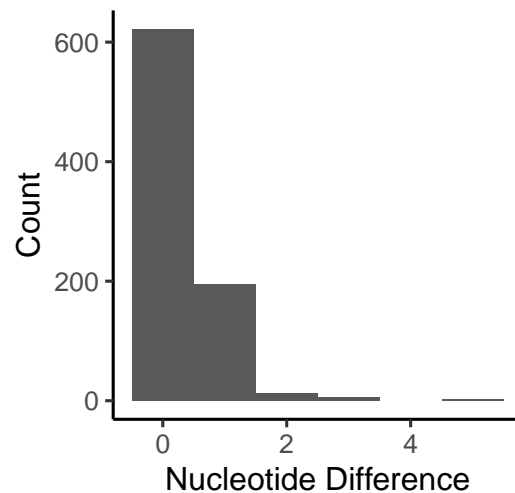
TRBV13*bp01

209 sequences assigned
139 (66.5%) exact matches, in which:
98 unique CDR3
12 unique J



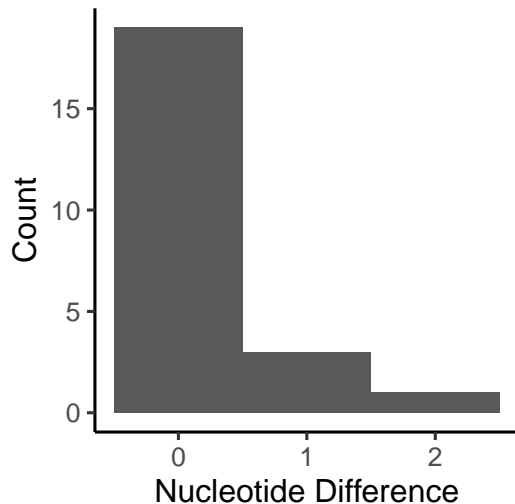
TRBV18*bp01

837 sequences assigned
622 (74.3%) exact matches, in which:
283 unique CDR3
14 unique J



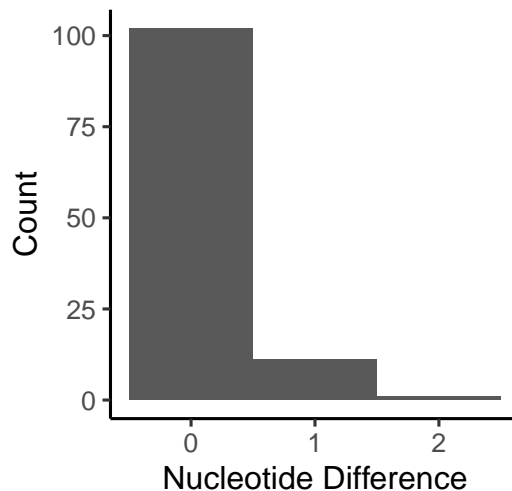
TRBV10–2*bp02

23 sequences assigned
19 (82.6%) exact matches, in which:
18 unique CDR3
7 unique J



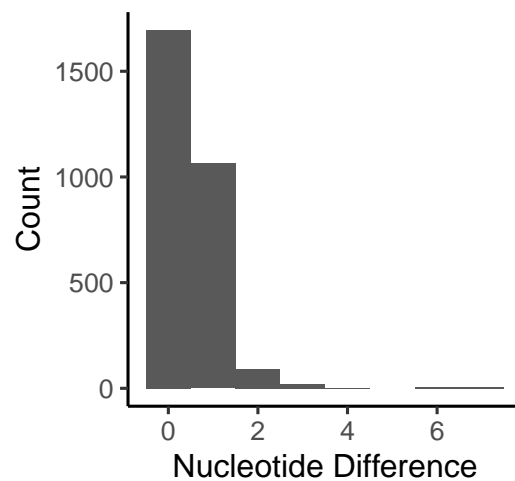
TRBV14*bp01

114 sequences assigned
102 (89.5%) exact matches, in which:
80 unique CDR3
11 unique J



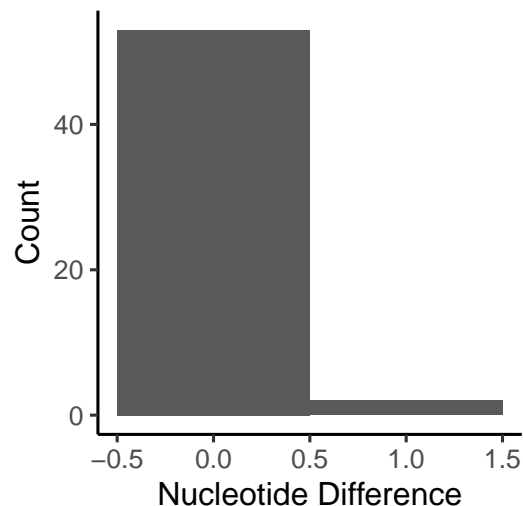
TRBV19*bp01

2881 sequences assigned
1695 (58.8%) exact matches, in which:
926 unique CDR3
14 unique J



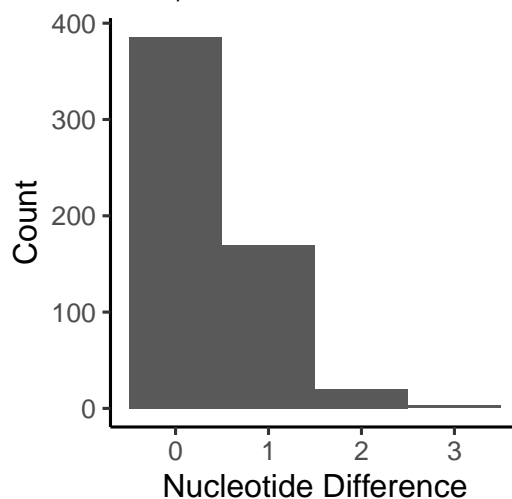
TRBV2*bp01

55 sequences assigned
53 (96.4%) exact matches, in which:
49 unique CDR3
13 unique J



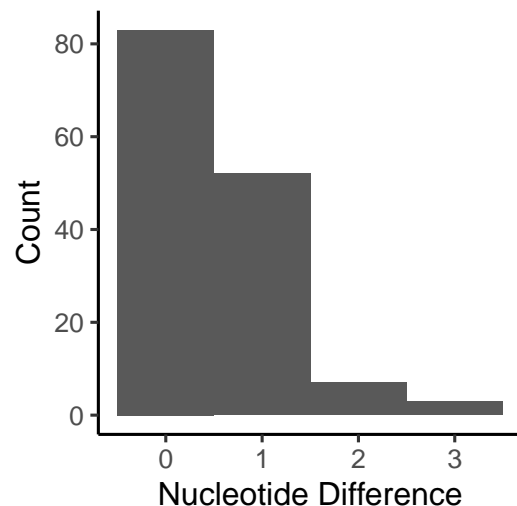
TRBV30*bp01

579 sequences assigned
386 (66.7%) exact matches, in which:
162 unique CDR3
13 unique J



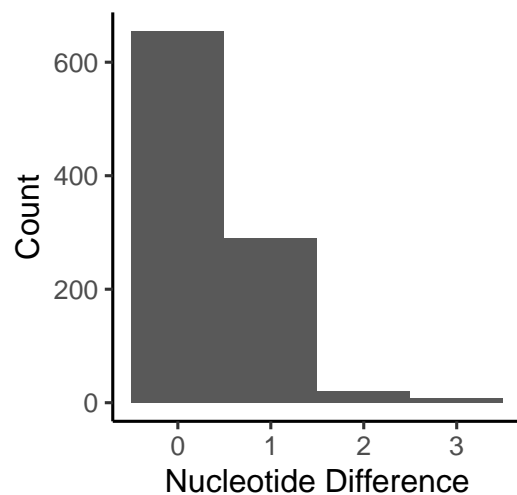
TRBV11-1*bp01

145 sequences assigned
83 (57.2%) exact matches, in which:
61 unique CDR3
11 unique J



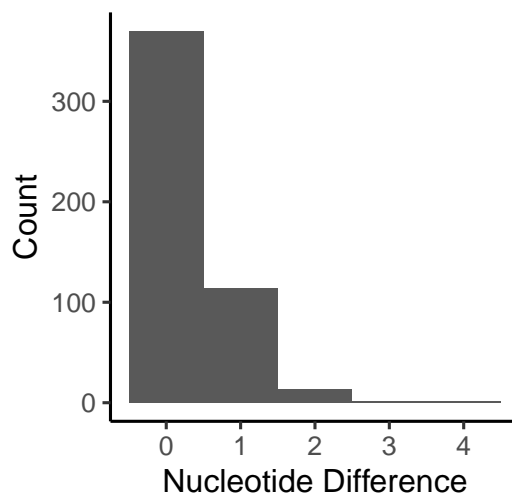
TRBV27*bp01

974 sequences assigned
655 (67.2%) exact matches, in which:
478 unique CDR3
14 unique J



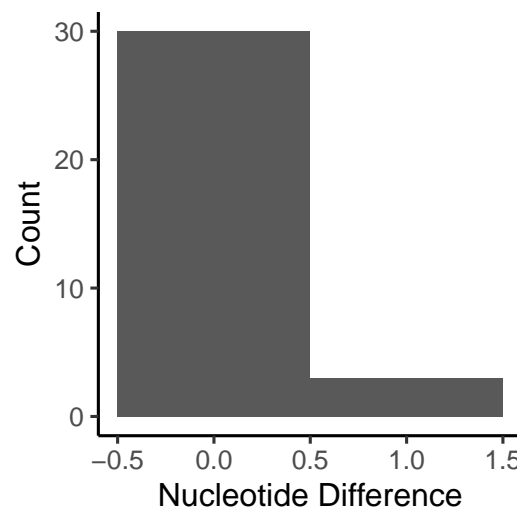
TRBV30*bp02

499 sequences assigned
370 (74.1%) exact matches, in which:
148 unique CDR3
14 unique J



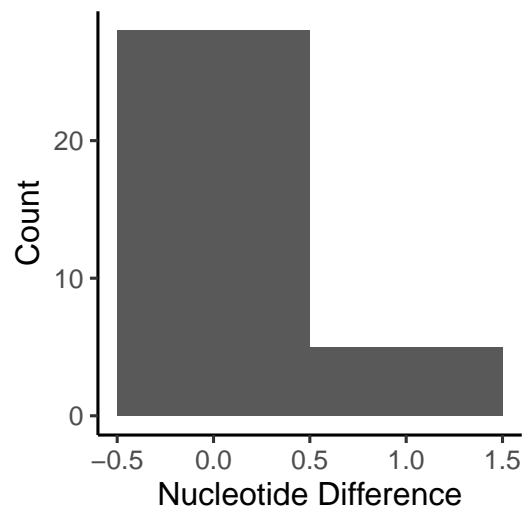
TRBV21-1*bp01

33 sequences assigned
30 (90.9%) exact matches, in which:
25 unique CDR3
9 unique J



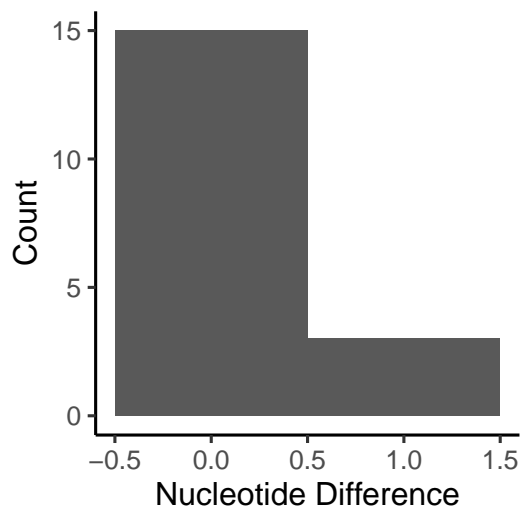
TRBV28*bp01

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



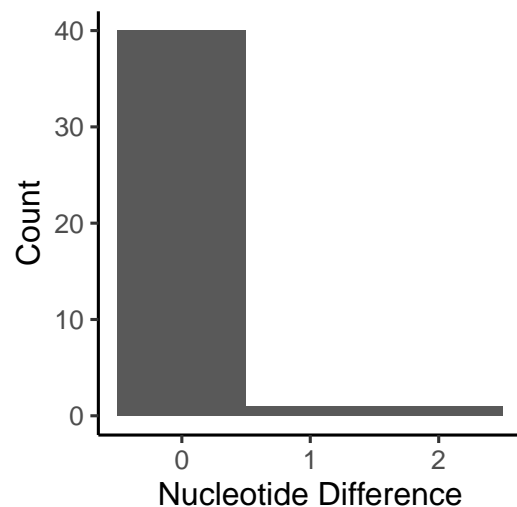
TRBV9*bp02

18 sequences assigned
15 (83.3%) exact matches, in which:
12 unique CDR3
6 unique J



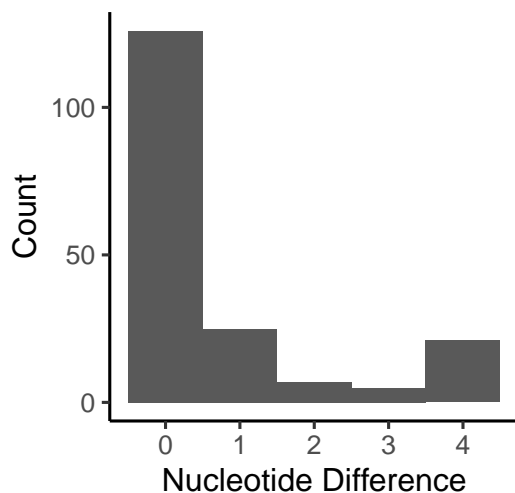
TRBV21-1*bp02

42 sequences assigned
40 (95.2%) exact matches, in which:
38 unique CDR3
11 unique J



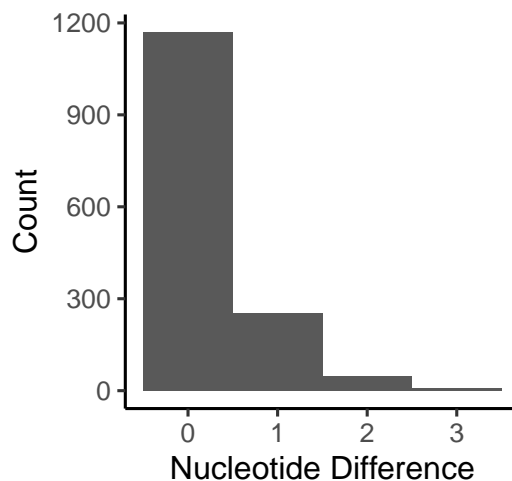
TRBV11–2*bp03

184 sequences assigned
126 (68.5%) exact matches, in which:
98 unique CDR3
12 unique J



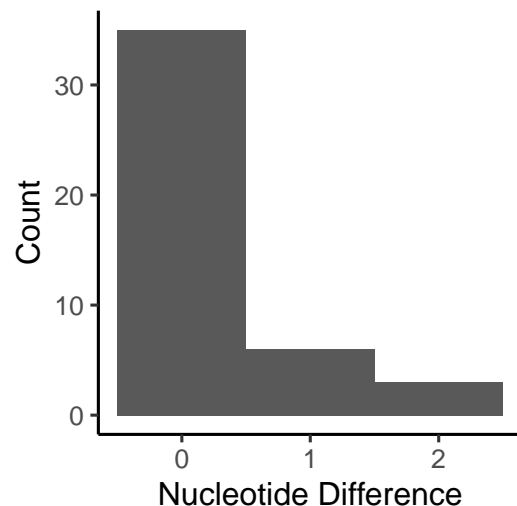
TRBV12–34*bp01

1477 sequences assigned
1169 (79.1%) exact matches, in which:
579 unique CDR3
14 unique J



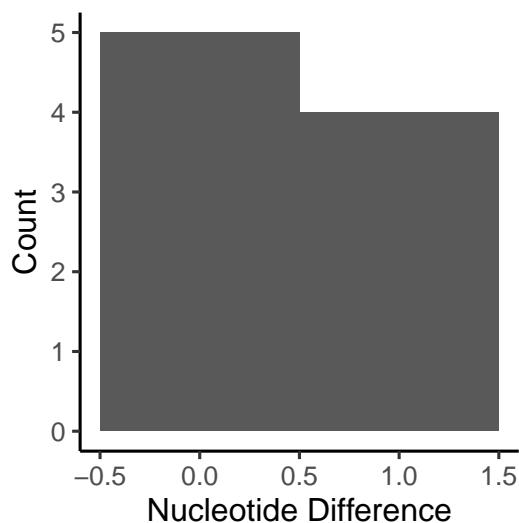
TRBV4–1*bp01

44 sequences assigned
35 (79.5%) exact matches, in which:
32 unique CDR3
12 unique J



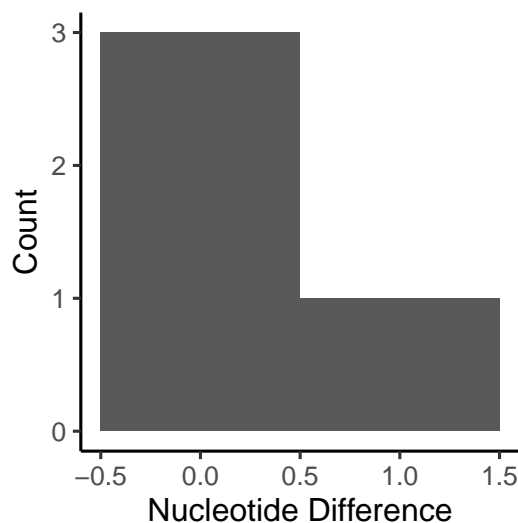
TRBV11–3*bp01

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



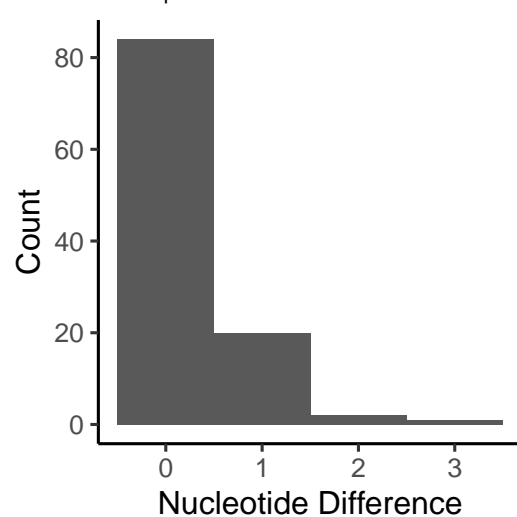
TRBV23–1*bp01

4 sequences assigned
3 (75%) exact matches, in which:
3 unique CDR3
3 unique J



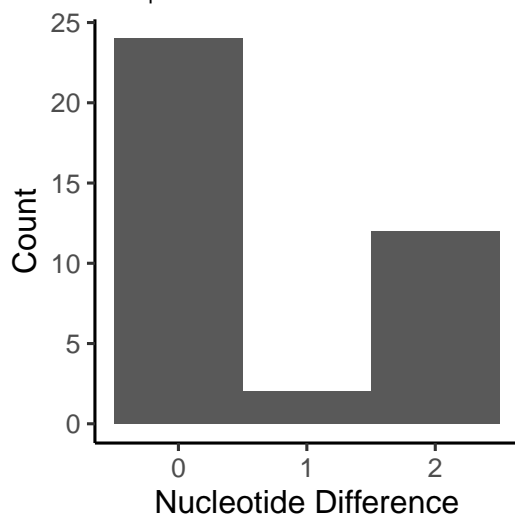
TRBV24–1*bp02

107 sequences assigned
84 (78.5%) exact matches, in which:
67 unique CDR3
13 unique J



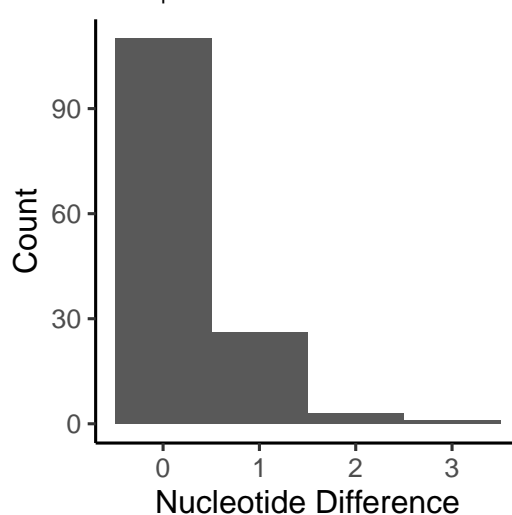
TRBV12–5*bp01

38 sequences assigned
24 (63.2%) exact matches, in which:
15 unique CDR3
7 unique J



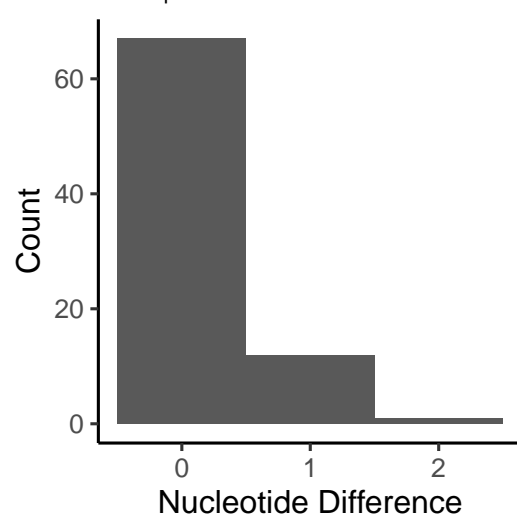
TRBV24–1*bp01

140 sequences assigned
110 (78.6%) exact matches, in which:
80 unique CDR3
12 unique J



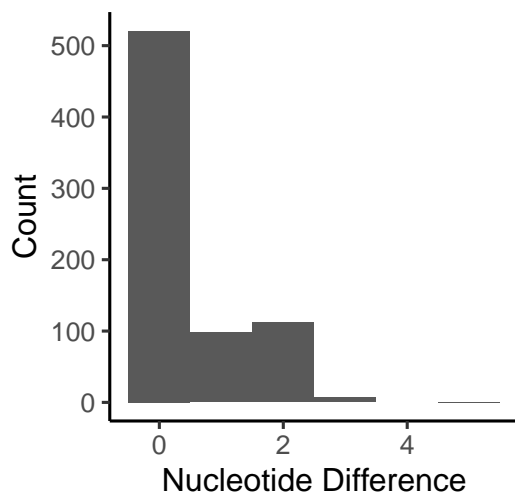
TRBV4–2*bp01

80 sequences assigned
67 (83.8%) exact matches, in which:
59 unique CDR3
11 unique J



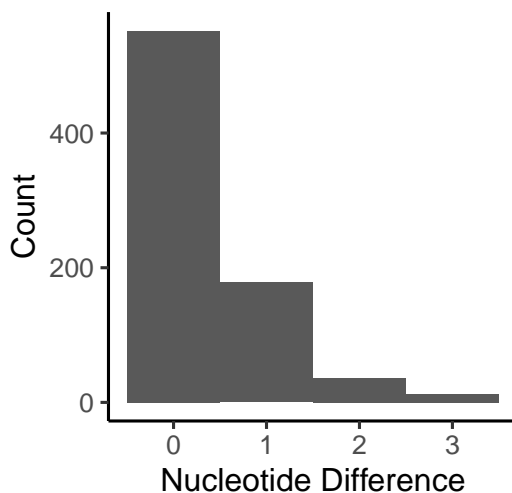
TRBV5-1*bp01

739 sequences assigned
521 (70.5%) exact matches, in which:
331 unique CDR3
14 unique J



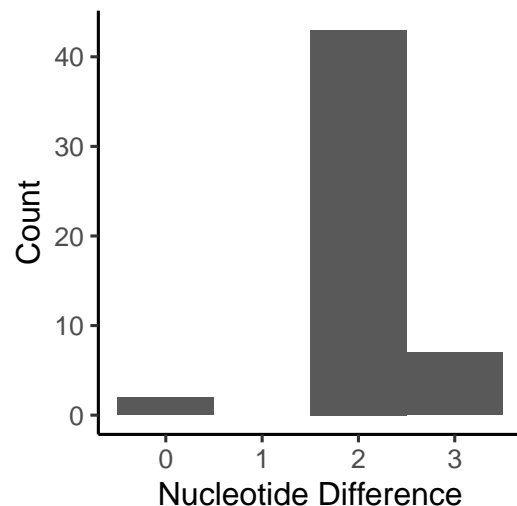
TRBV5-4*bp01

779 sequences assigned
552 (70.9%) exact matches, in which:
318 unique CDR3
14 unique J



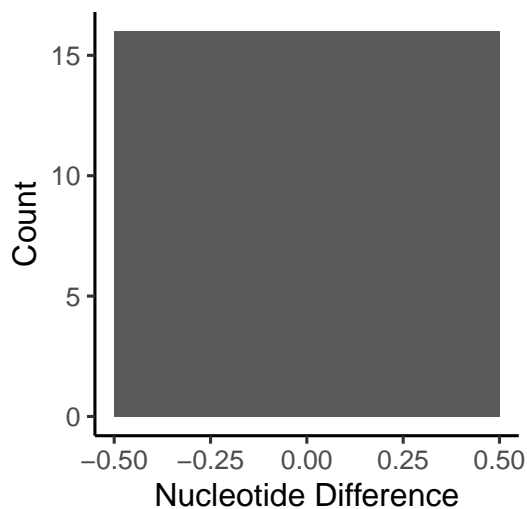
TRBV5-7*bp01

52 sequences assigned
2 (3.8%) exact matches, in which:
2 unique CDR3
2 unique J



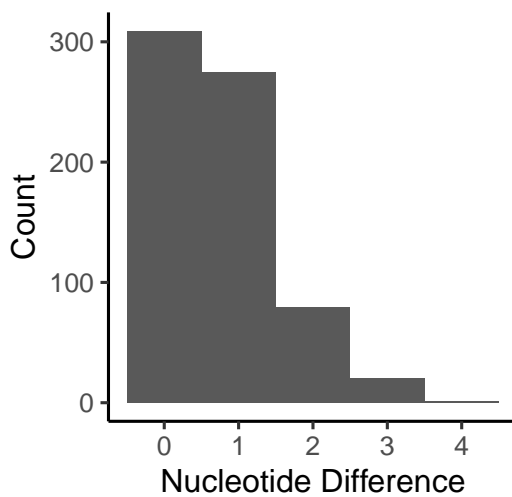
TRBV25-1*bp01

16 sequences assigned
16 (100%) exact matches, in which:
12 unique CDR3
7 unique J



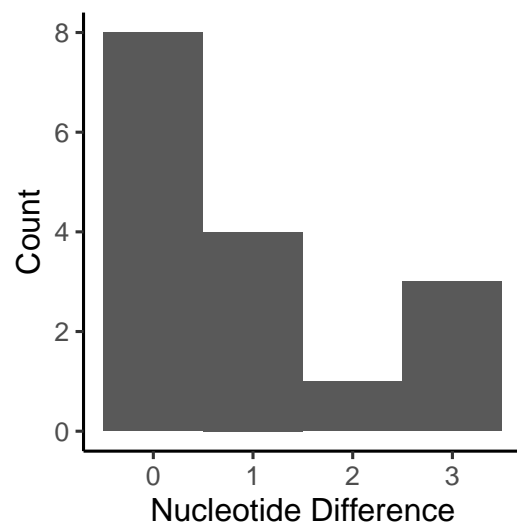
TRBV5-5*bp01

684 sequences assigned
309 (45.2%) exact matches, in which:
208 unique CDR3
14 unique J



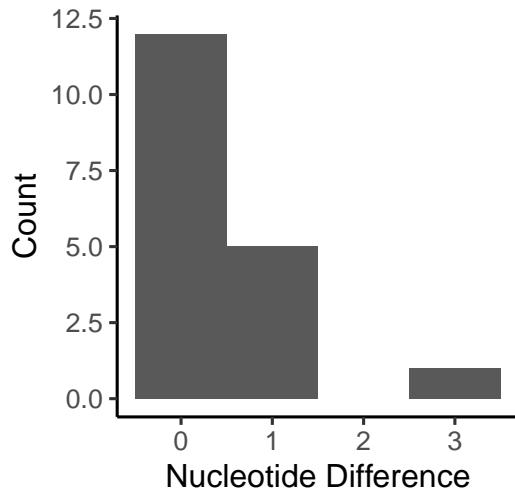
TRBV5-8*bp01

16 sequences assigned
8 (50%) exact matches, in which:
8 unique CDR3
7 unique J



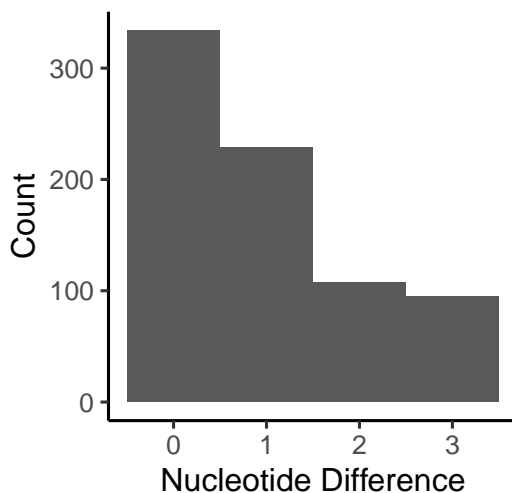
TRBV5-3*bp02

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



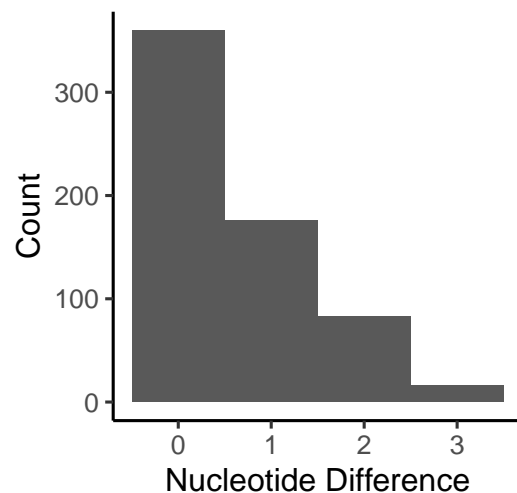
TRBV5-6*bp01

765 sequences assigned
334 (43.7%) exact matches, in which:
206 unique CDR3
14 unique J



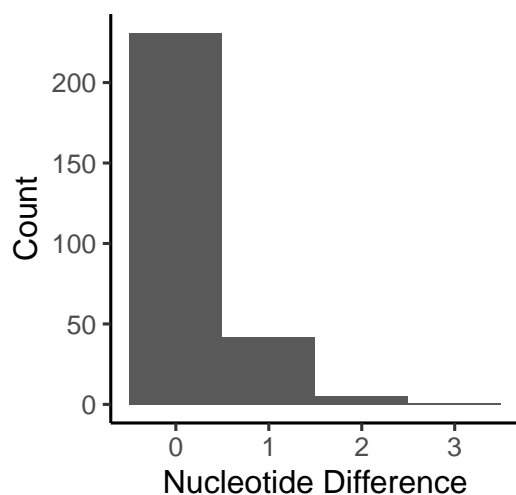
TRBV6-1*bp01

635 sequences assigned
360 (56.7%) exact matches, in which:
292 unique CDR3
14 unique J



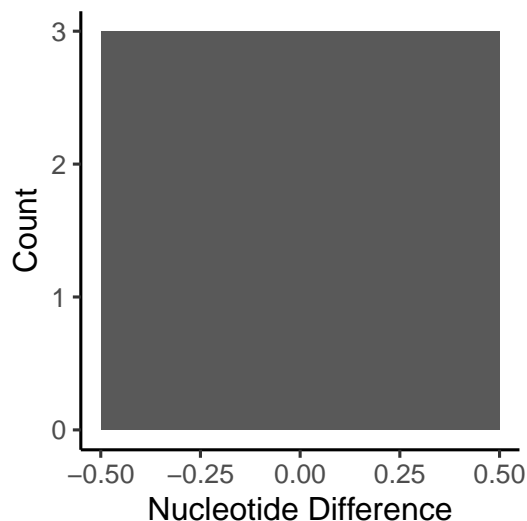
TRBV6-4*bp01

279 sequences assigned
231 (82.8%) exact matches, in which:
145 unique CDR3
14 unique J



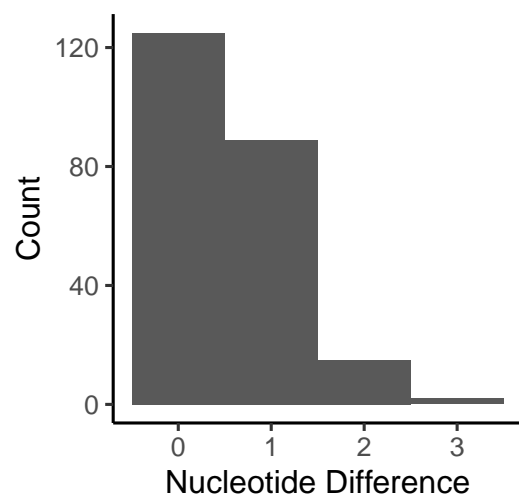
TRBV6-7*bp01

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



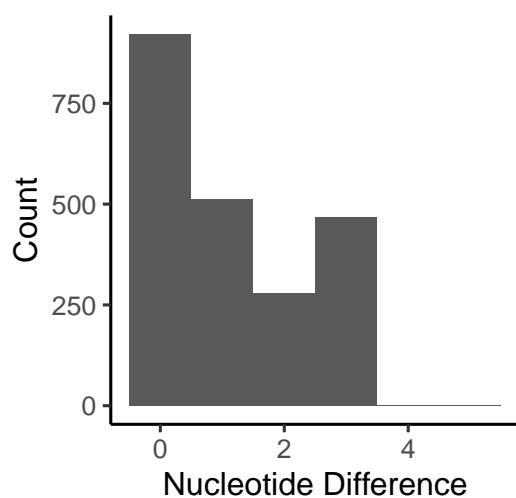
TRBV6-23*bp01

231 sequences assigned
125 (54.1%) exact matches, in which:
111 unique CDR3
14 unique J



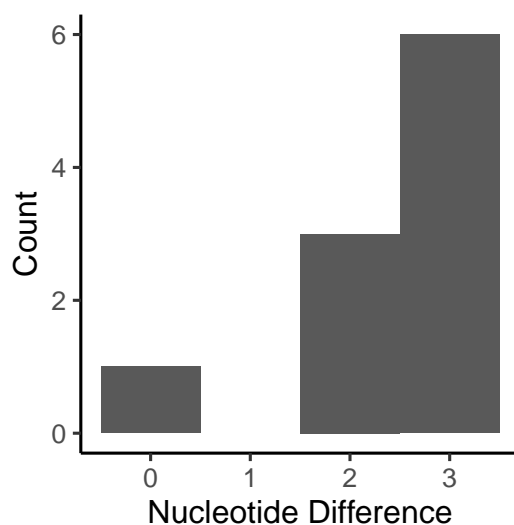
TRBV6-5*bp01

2185 sequences assigned
922 (42.2%) exact matches, in which:
675 unique CDR3
14 unique J



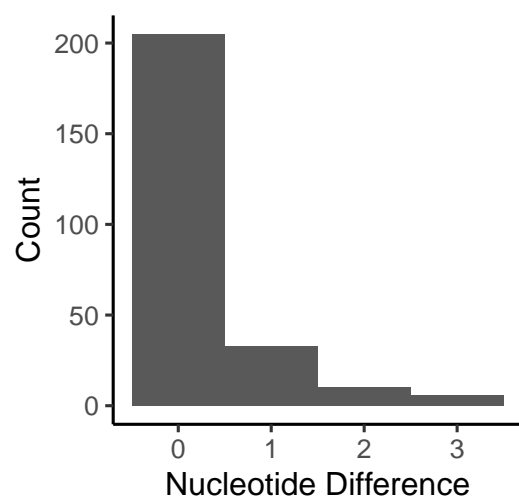
TRBV6-8*bp01

10 sequences assigned
1 (10%) exact matches, in which:
1 unique CDR3
1 unique J



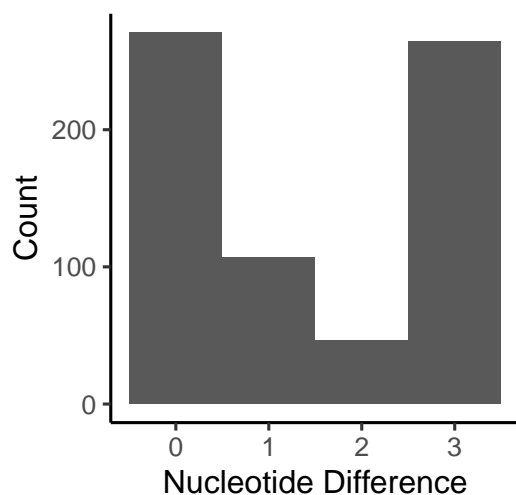
TRBV7-2*bp01

254 sequences assigned
205 (80.7%) exact matches, in which:
140 unique CDR3
13 unique J



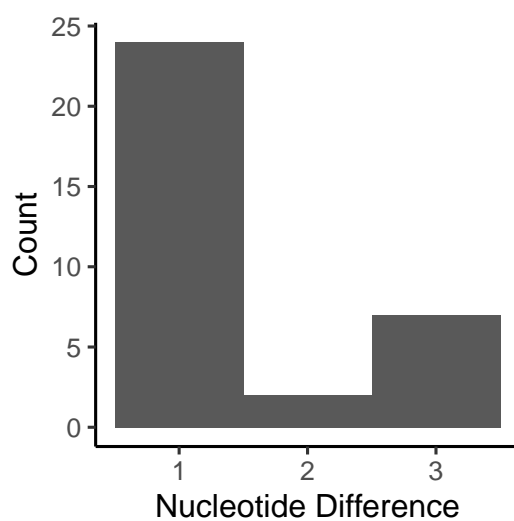
TRBV6-6*bp02

688 sequences assigned
271 (39.4%) exact matches, in which:
236 unique CDR3
13 unique J



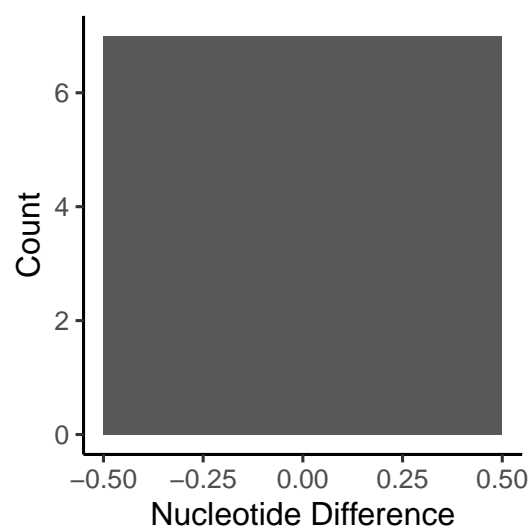
TRBV6-9*bp01

33 sequences assigned
No exact matches.



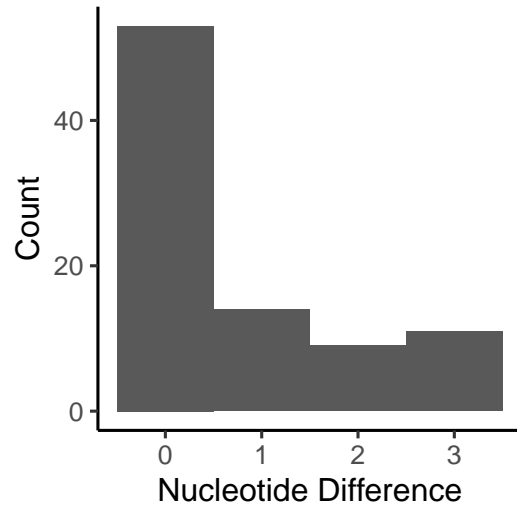
TRBV7-3*bp03

7 sequences assigned
7 (100%) exact matches, in which:
7 unique CDR3
6 unique J



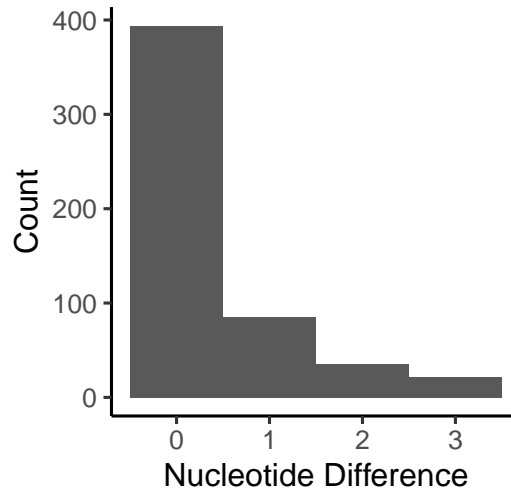
TRBV7-4*bp01

87 sequences assigned
53 (60.9%) exact matches, in which:
34 unique CDR3
7 unique J



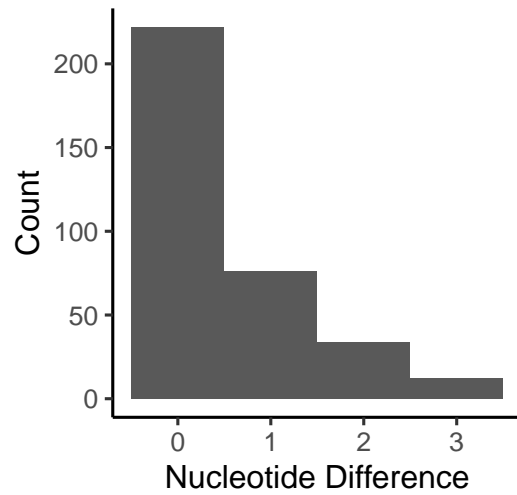
TRBV7-9*bp01

536 sequences assigned
394 (73.5%) exact matches, in which:
228 unique CDR3
14 unique J



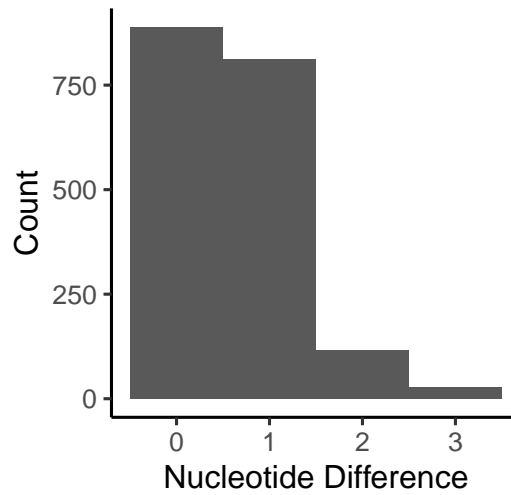
TRBV7-6*bp01

344 sequences assigned
222 (64.5%) exact matches, in which:
114 unique CDR3
12 unique J



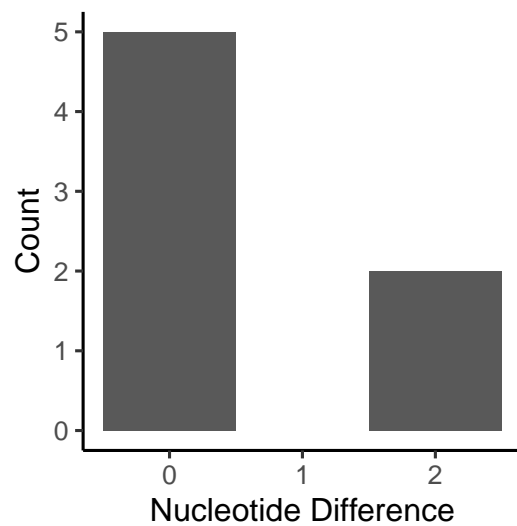
TRBV29-1*bp01

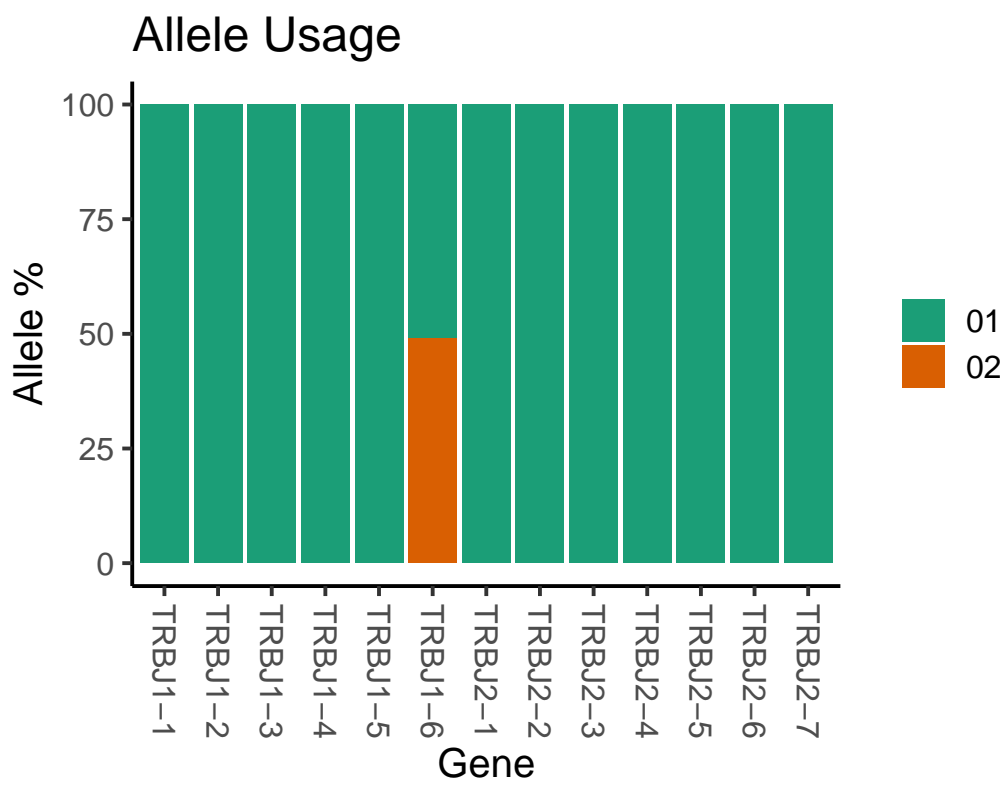
1844 sequences assigned
889 (48.2%) exact matches, in which:
499 unique CDR3
12 unique J



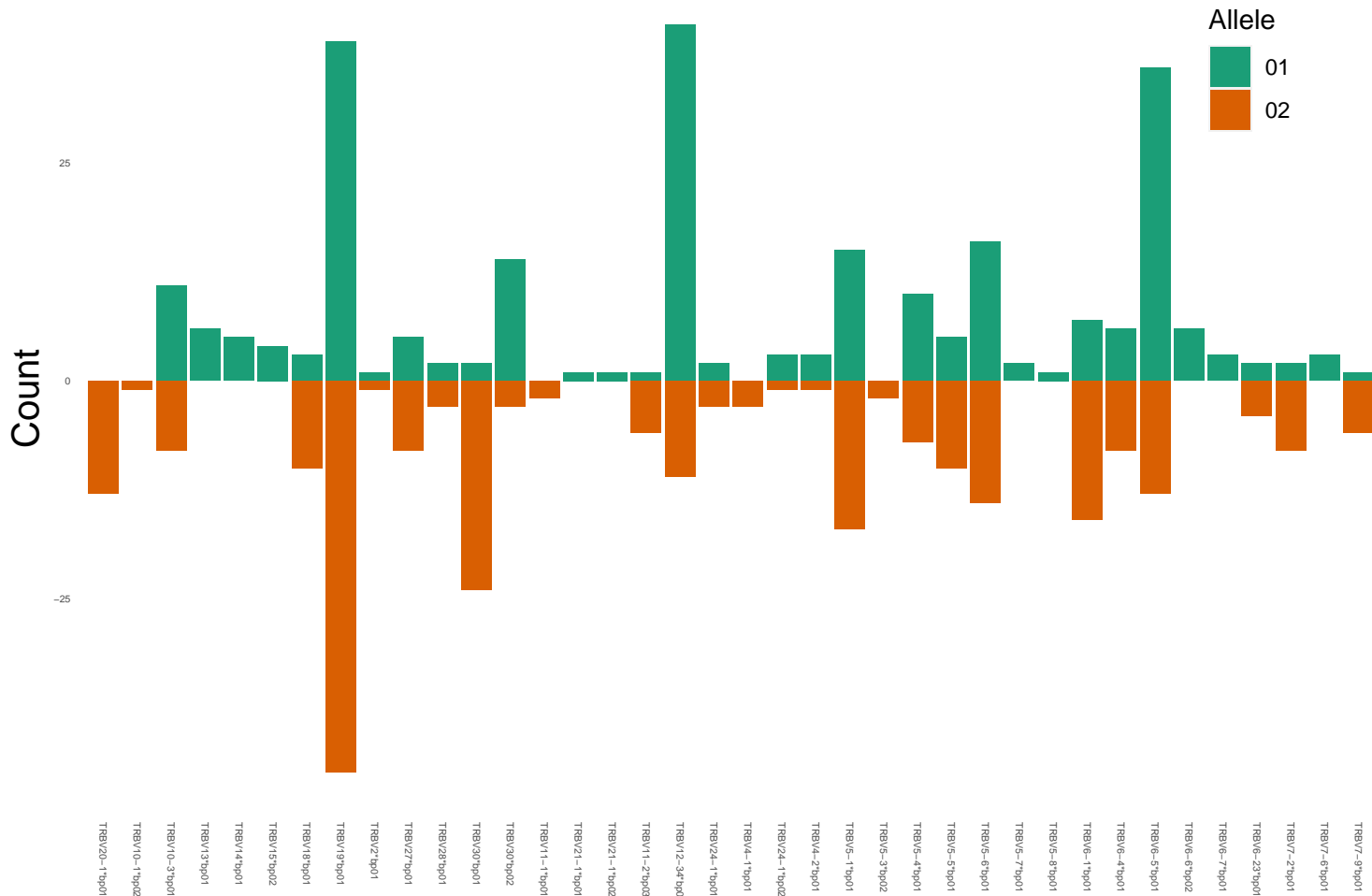
TRBV7-7*bp01

7 sequences assigned
5 (71.4%) exact matches, in which:
4 unique CDR3
1 unique J





Sequence Count by TRBJ1–6 allele usage



[illegible]