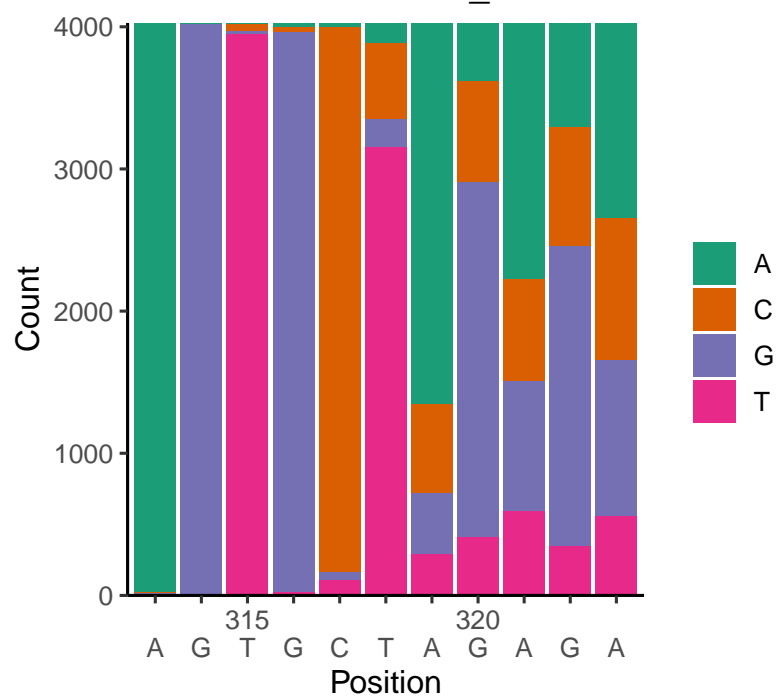
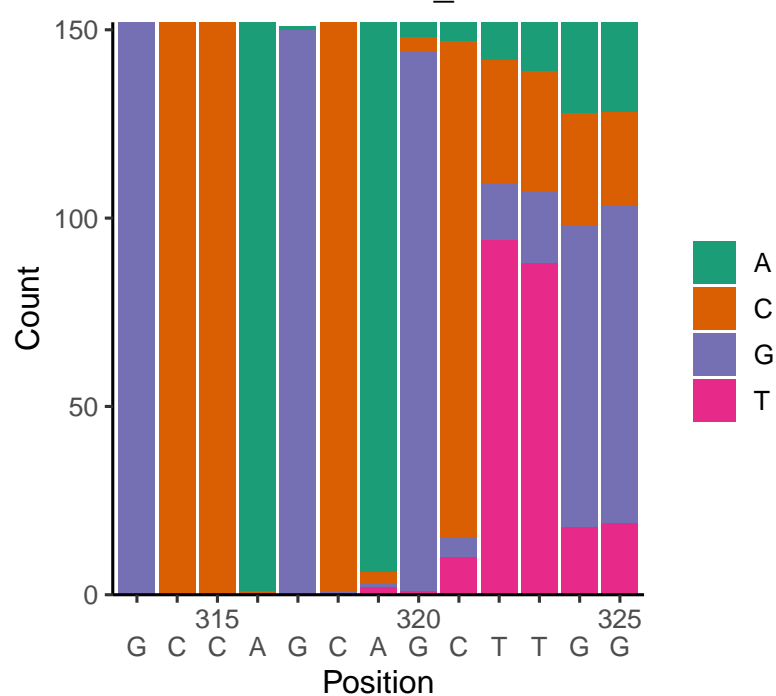


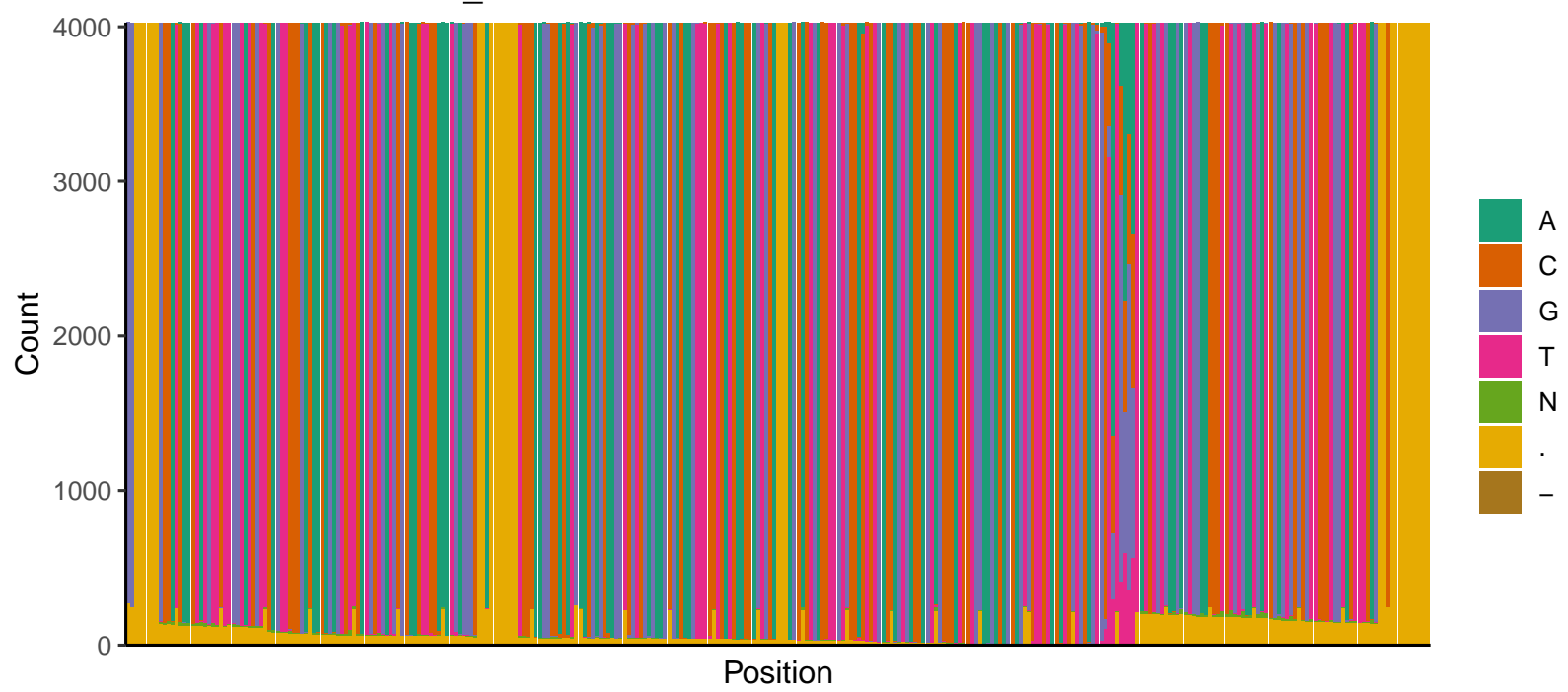
Gene TRBV20-1*02_319AGAGA323



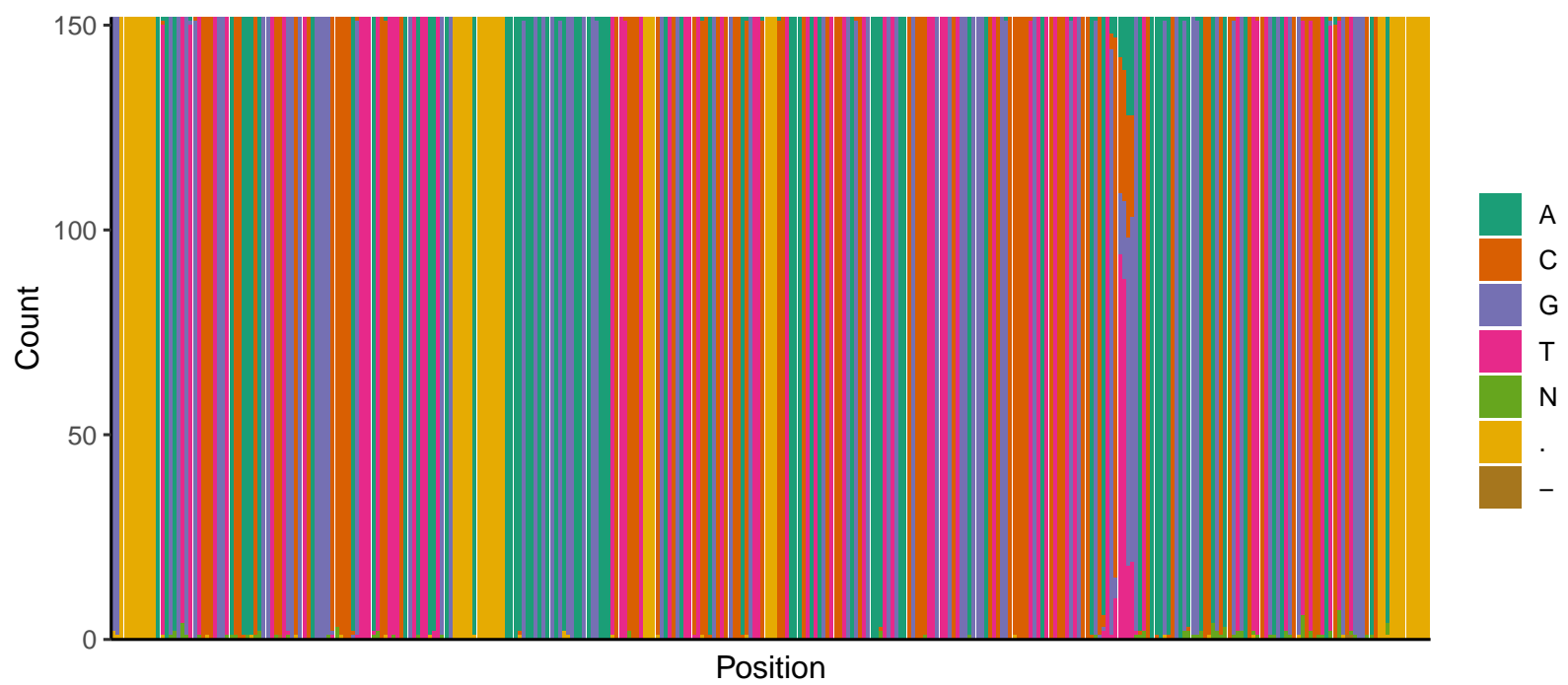
Gene TRBV5-5*02_322TTGG325



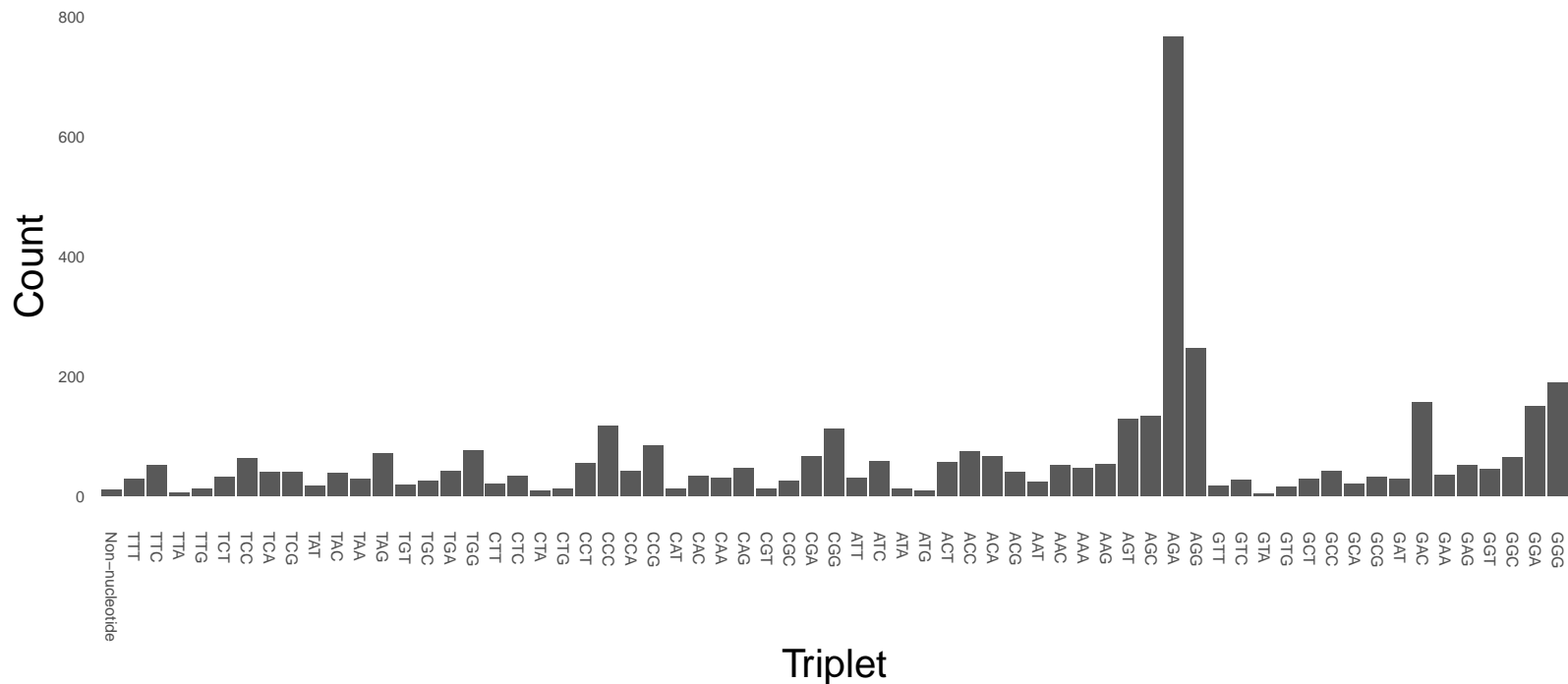
Gene TRBV20-1*02_319AGAGA323



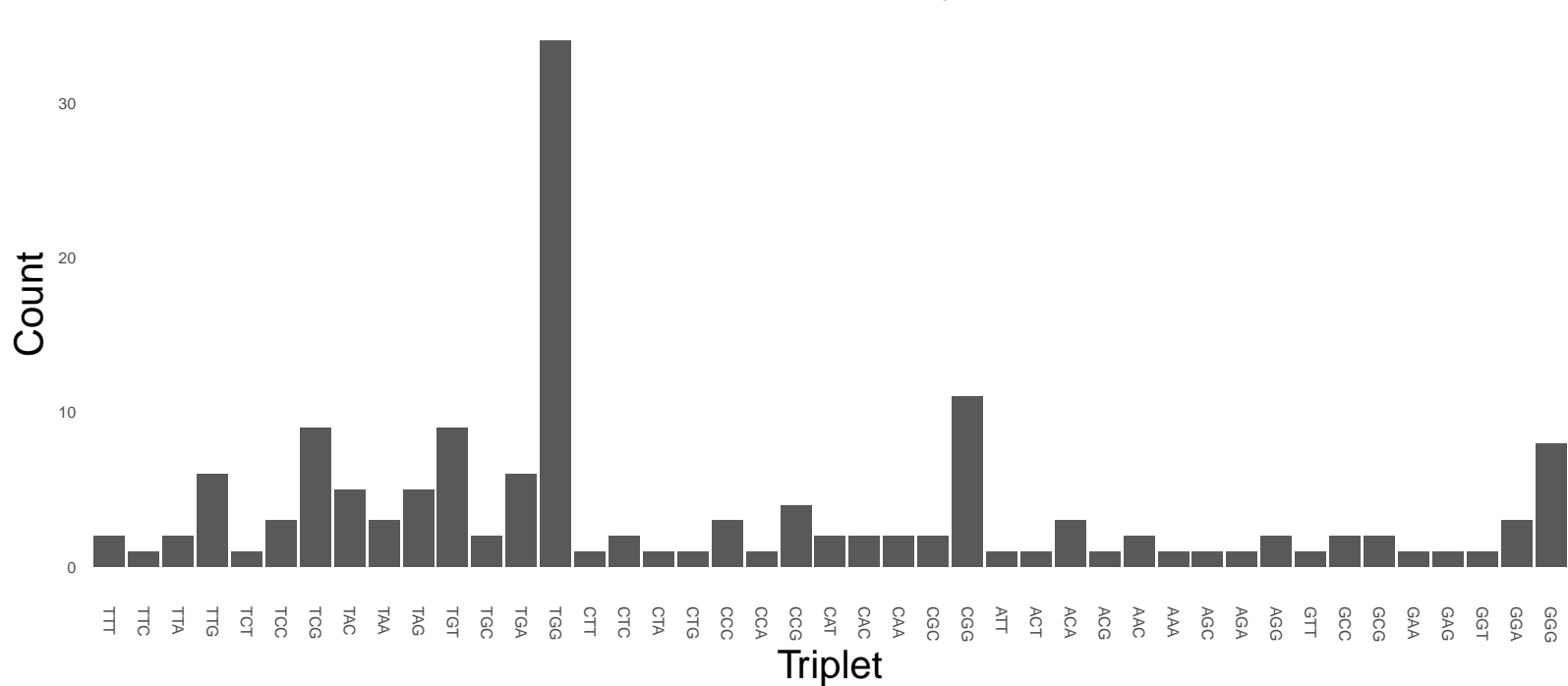
Gene TRBV5-5*02_322TTGG325



TRBV20–1*02_319AGAGA323– Final 3 nucleotides as a triplet

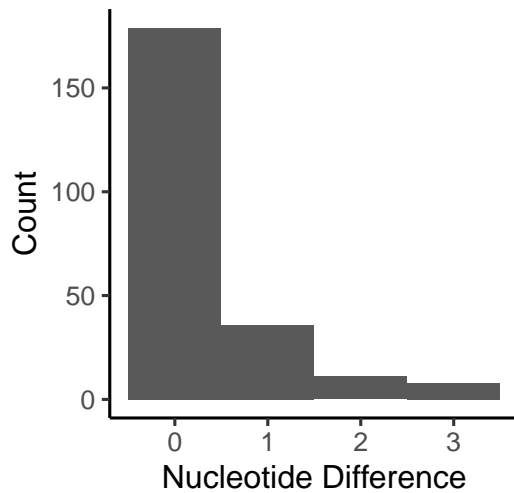


TRBV5–5*02_322TTGG325– Final 3 nucleotides as a triplet



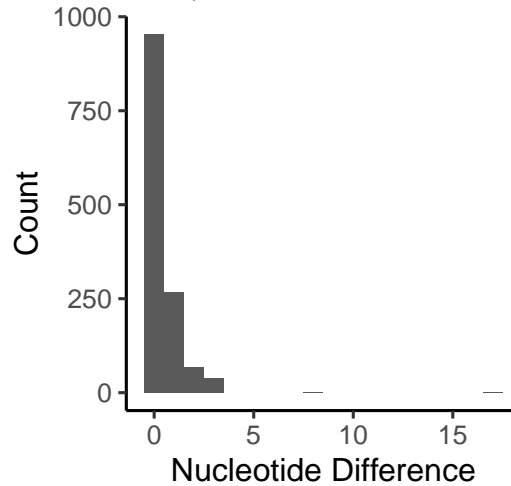
TRBV10-1*01

234 sequences assigned
179 (76.5%) exact matches, in which:
176 unique CDR3
13 unique J



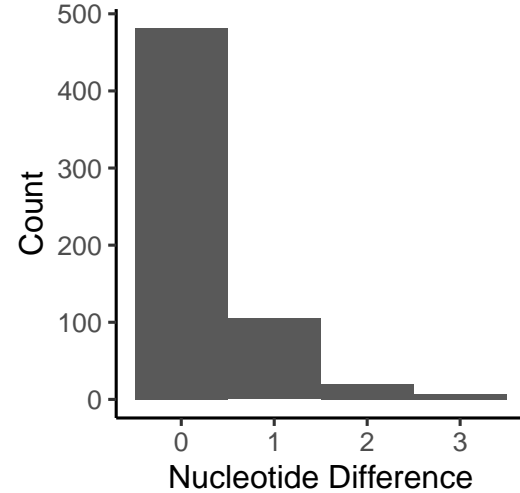
TRBV10-3*01

1331 sequences assigned
953 (71.6%) exact matches, in which:
898 unique CDR3
13 unique J



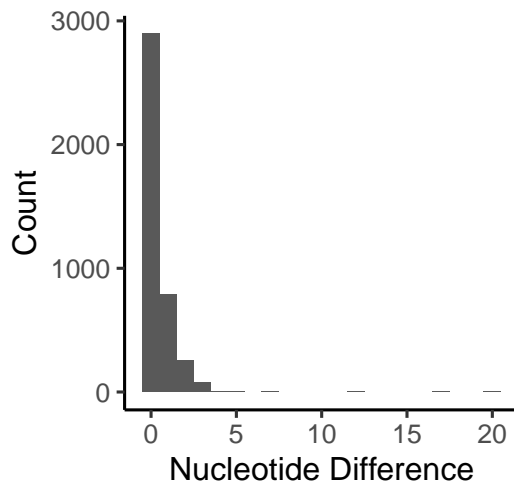
TRBV14*01

617 sequences assigned
482 (78.1%) exact matches, in which:
466 unique CDR3
13 unique J



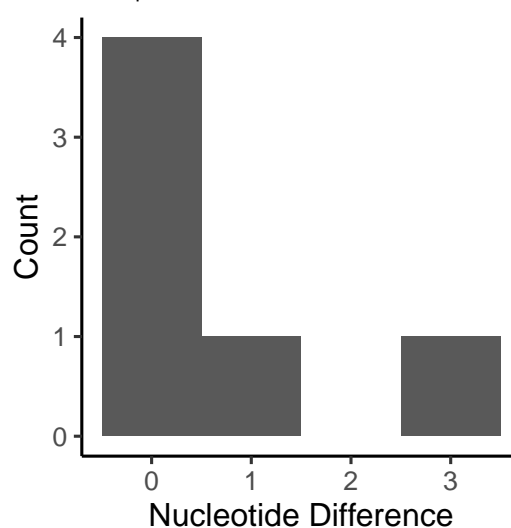
TRBV20-1*02_319AGAC

4027 sequences assigned
2896 (71.9%) exact matches, in which:
2801 unique CDR3
13 unique J



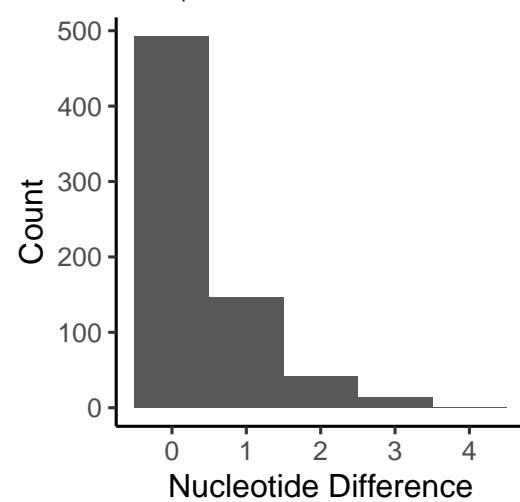
TRBV1*01

6 sequences assigned
4 (66.7%) exact matches, in which:
3 unique CDR3
3 unique J



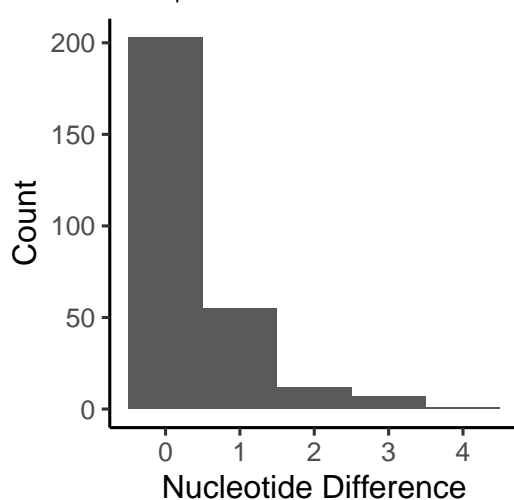
TRBV15*02

697 sequences assigned
493 (70.7%) exact matches, in which:
480 unique CDR3
13 unique J



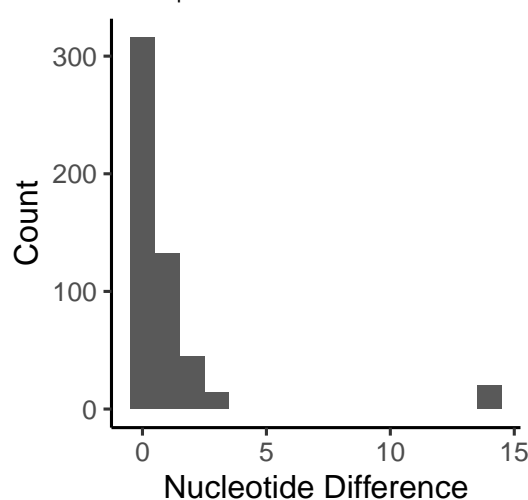
TRBV10-2*01

279 sequences assigned
203 (72.8%) exact matches, in which:
191 unique CDR3
13 unique J



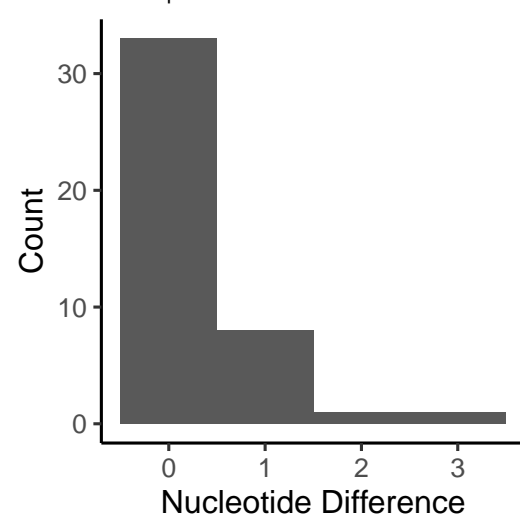
TRBV13*01

527 sequences assigned
316 (60%) exact matches, in which:
277 unique CDR3
13 unique J



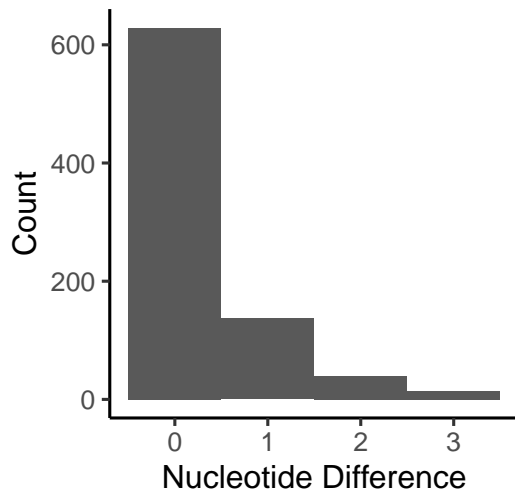
TRBV16*01

43 sequences assigned
33 (76.7%) exact matches, in which:
32 unique CDR3
12 unique J



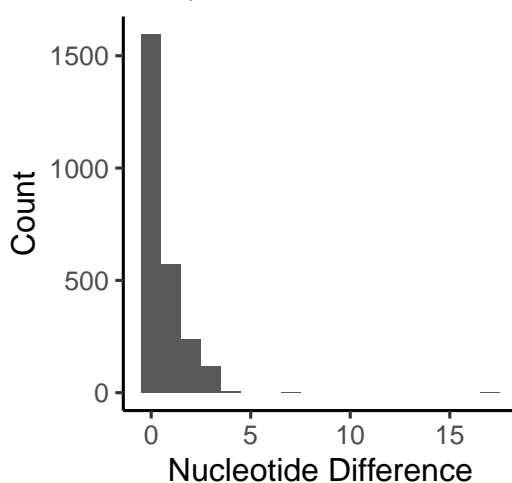
TRBV18*01

822 sequences assigned
629 (76.5%) exact matches, in which:
589 unique CDR3
13 unique J



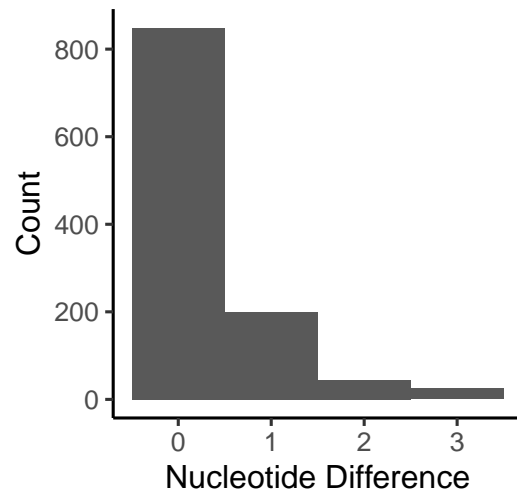
TRBV27*01

2532 sequences assigned
1595 (63%) exact matches, in which:
1340 unique CDR3
13 unique J



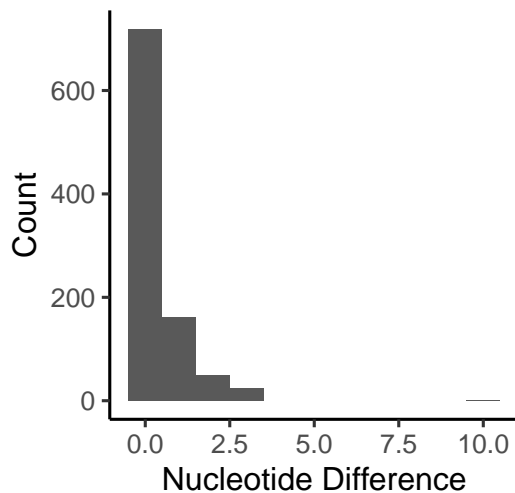
TRBV9*01

1119 sequences assigned
849 (75.9%) exact matches, in which:
825 unique CDR3
13 unique J



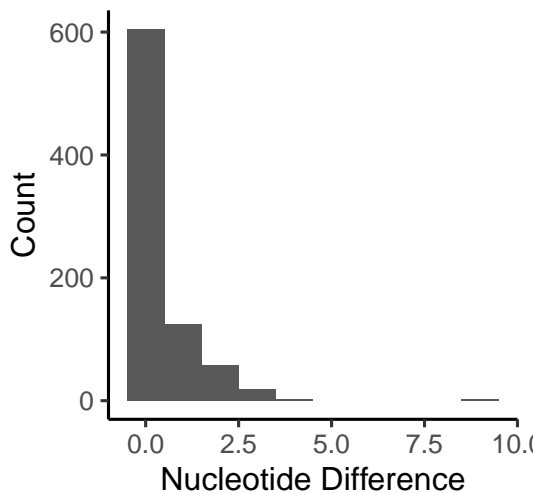
TRBV19*01

956 sequences assigned
719 (75.2%) exact matches, in which:
682 unique CDR3
13 unique J



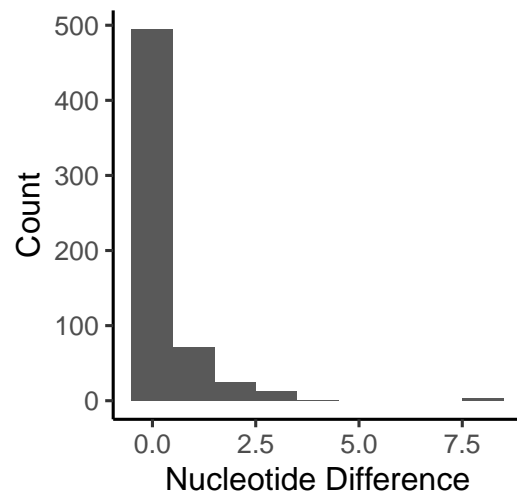
TRBV28*01

809 sequences assigned
605 (74.8%) exact matches, in which:
577 unique CDR3
13 unique J



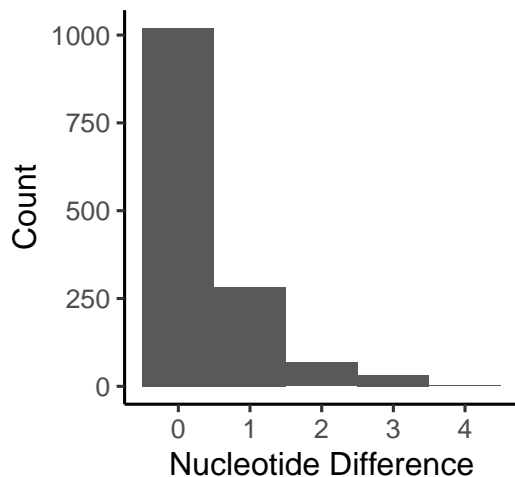
TRBV21-1*02

607 sequences assigned
495 (81.5%) exact matches, in which:
475 unique CDR3
13 unique J



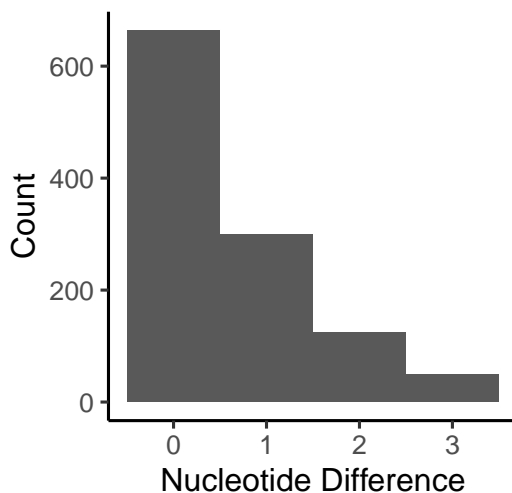
TRBV2*01

1406 sequences assigned
1020 (72.5%) exact matches, in which:
959 unique CDR3
13 unique J



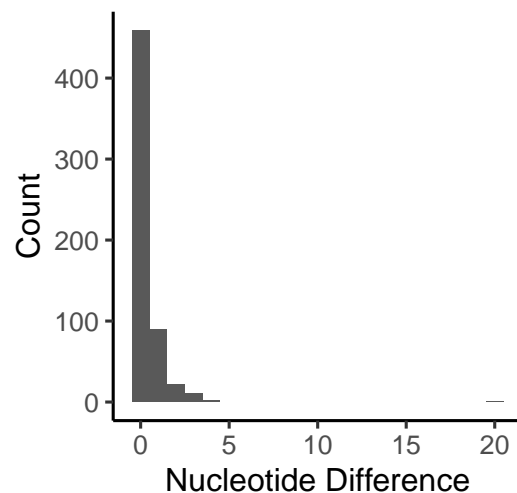
TRBV30*01

1138 sequences assigned
664 (58.3%) exact matches, in which:
610 unique CDR3
13 unique J



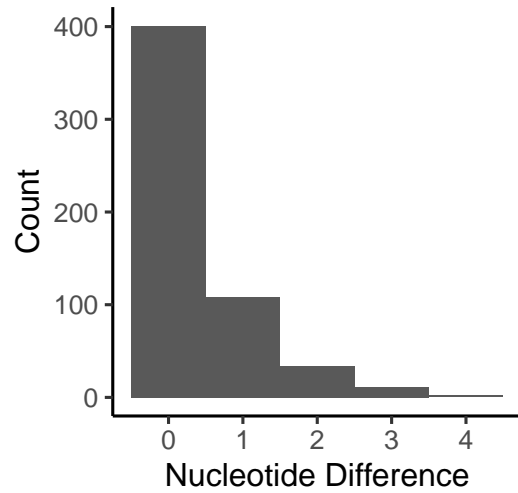
TRBV11-2*01

585 sequences assigned
459 (78.5%) exact matches, in which:
441 unique CDR3
13 unique J



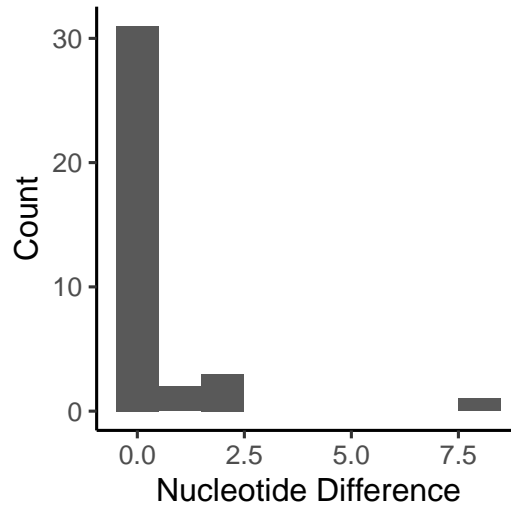
TRBV11–2*03

556 sequences assigned
401 (72.1%) exact matches, in which:
387 unique CDR3
13 unique J



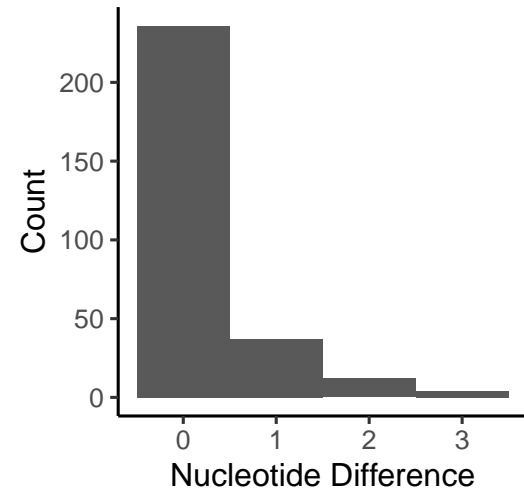
TRBV12–2*01

37 sequences assigned
31 (83.8%) exact matches, in which:
31 unique CDR3
10 unique J



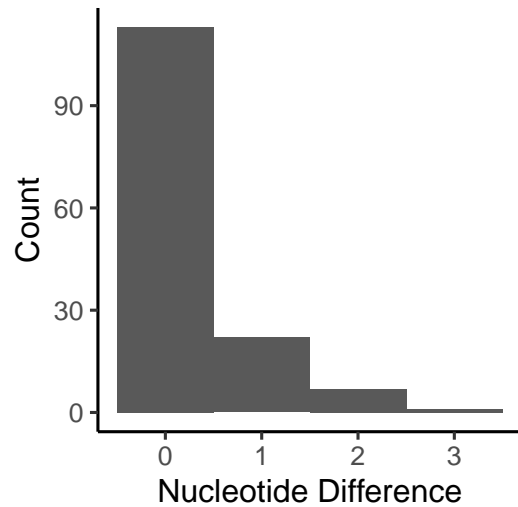
TRBV12–5*01

289 sequences assigned
236 (81.7%) exact matches, in which:
232 unique CDR3
13 unique J



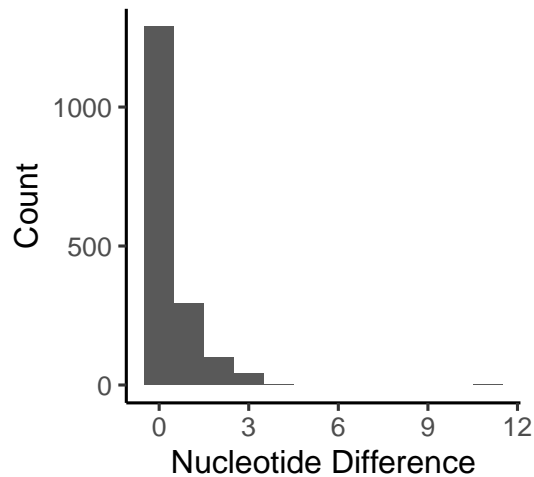
TRBV11–3*01

143 sequences assigned
113 (79%) exact matches, in which:
112 unique CDR3
10 unique J



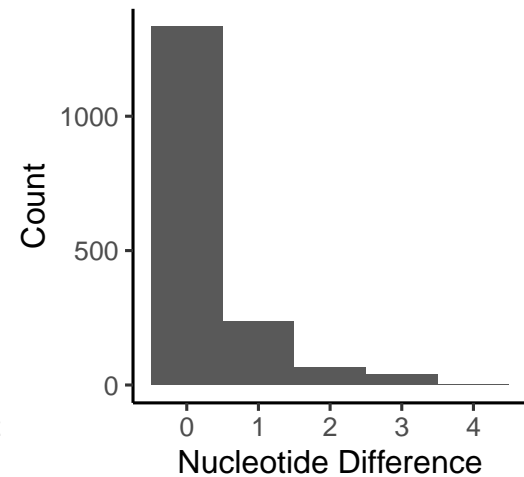
TRBV12–3*01

1729 sequences assigned
1289 (74.6%) exact matches, in which:
1243 unique CDR3
13 unique J



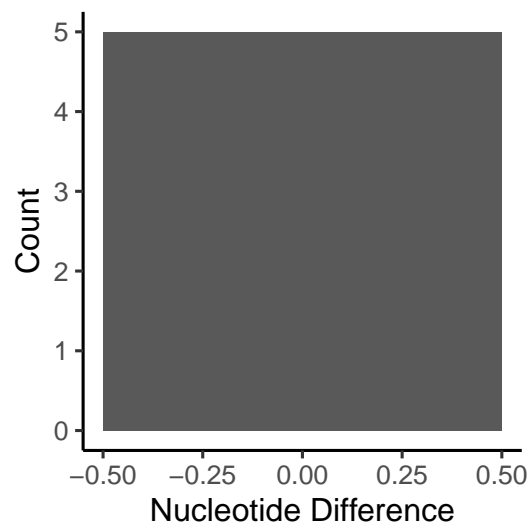
TRBV3–1*01

1676 sequences assigned
1333 (79.5%) exact matches, in which:
1273 unique CDR3
13 unique J



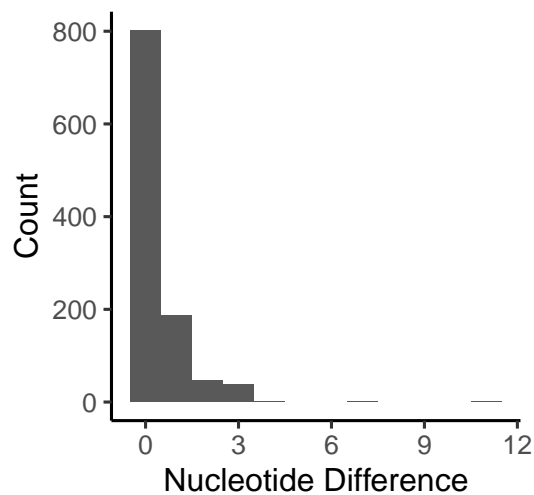
TRBV12–1*01

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



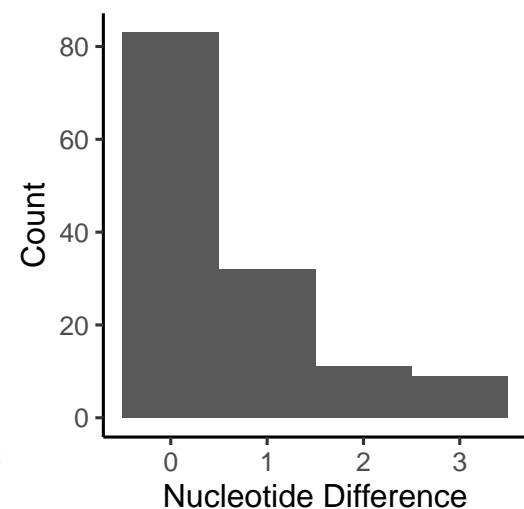
TRBV12–4*01

1076 sequences assigned
802 (74.5%) exact matches, in which:
777 unique CDR3
13 unique J



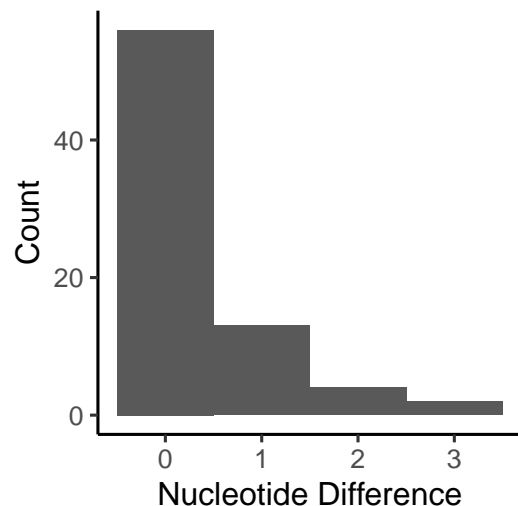
TRBV23–1*01

135 sequences assigned
83 (61.5%) exact matches, in which:
81 unique CDR3
11 unique J



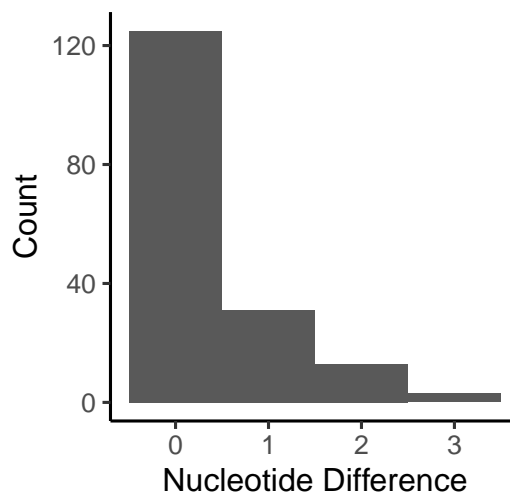
TRBV3-2*01

75 sequences assigned
56 (74.7%) exact matches, in which:
55 unique CDR3
10 unique J



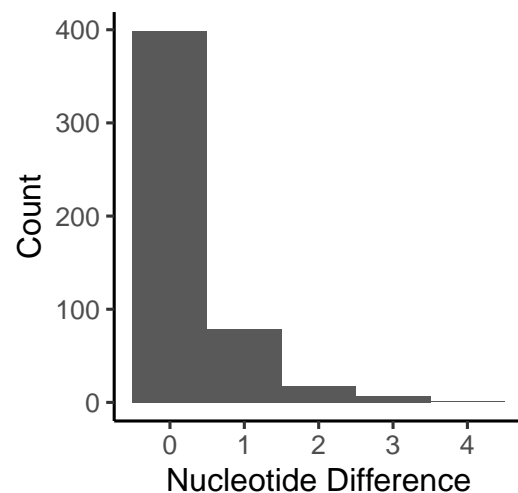
TRBV4-2*01

172 sequences assigned
125 (72.7%) exact matches, in which:
112 unique CDR3
12 unique J



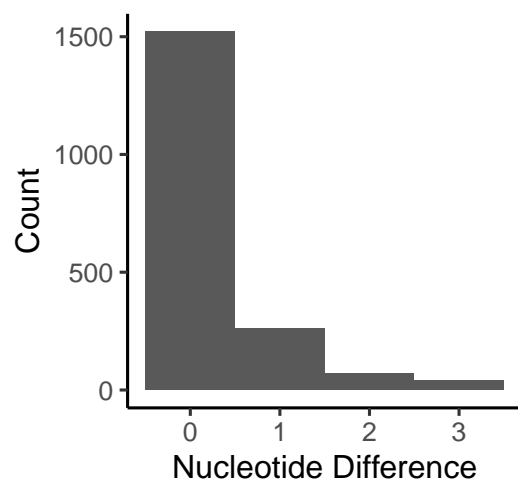
TRBV25-1*01

504 sequences assigned
399 (79.2%) exact matches, in which:
379 unique CDR3
13 unique J



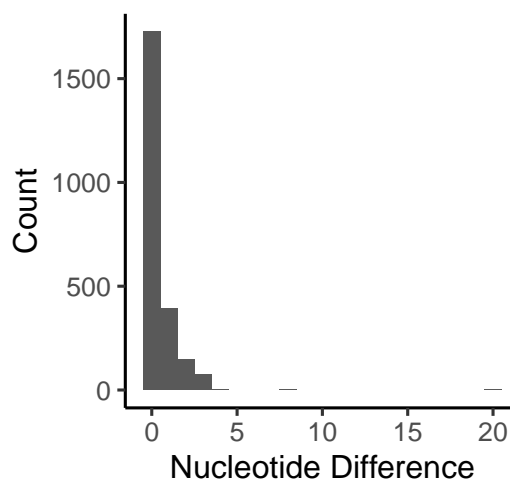
TRBV4-1*01

1893 sequences assigned
1521 (80.3%) exact matches, in which:
1436 unique CDR3
13 unique J



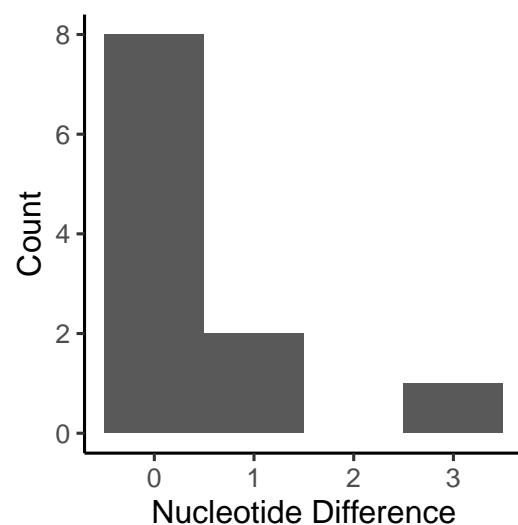
TRBV4-3*01

2347 sequences assigned
1726 (73.5%) exact matches, in which:
1624 unique CDR3
13 unique J



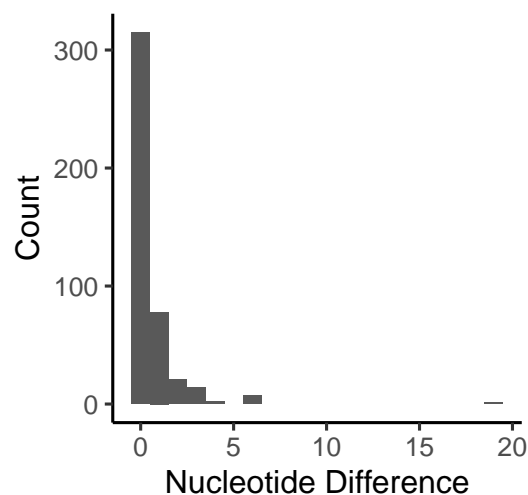
TRBV5-3*01

11 sequences assigned
8 (72.7%) exact matches, in which:
8 unique CDR3
6 unique J



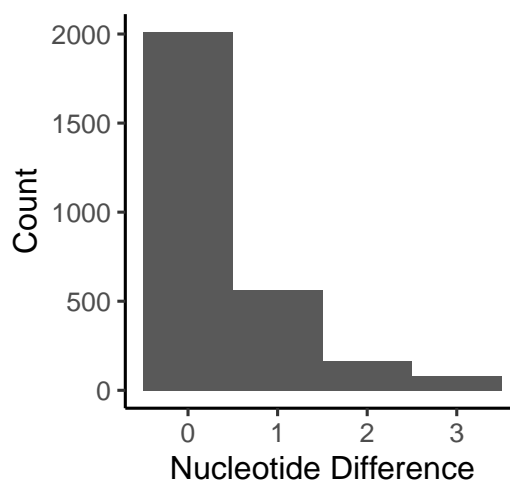
TRBV24-1*02

439 sequences assigned
315 (71.8%) exact matches, in which:
291 unique CDR3
12 unique J



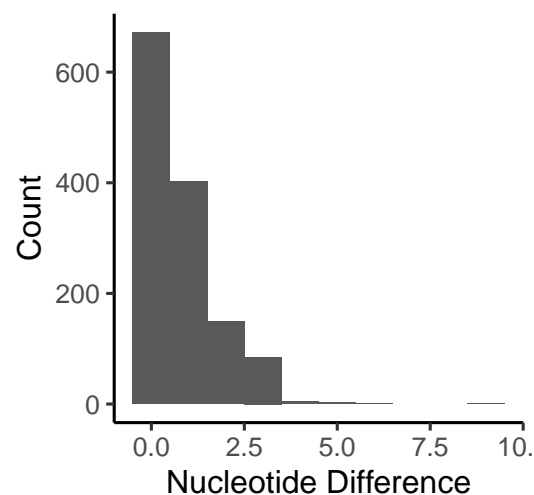
TRBV5-1*01

2822 sequences assigned
2011 (71.3%) exact matches, in which:
1907 unique CDR3
13 unique J



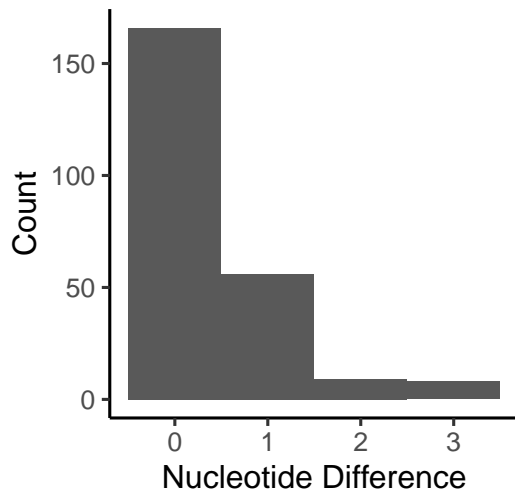
TRBV5-4*01

1320 sequences assigned
672 (50.9%) exact matches, in which:
298 unique CDR3
13 unique J



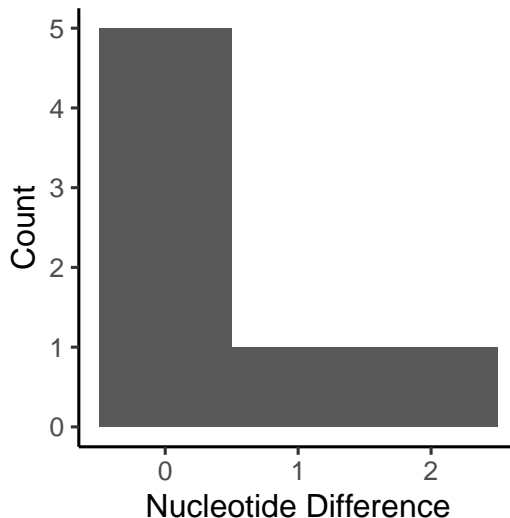
TRBV5-5*01

240 sequences assigned
166 (69.2%) exact matches, in which:
163 unique CDR3
13 unique J



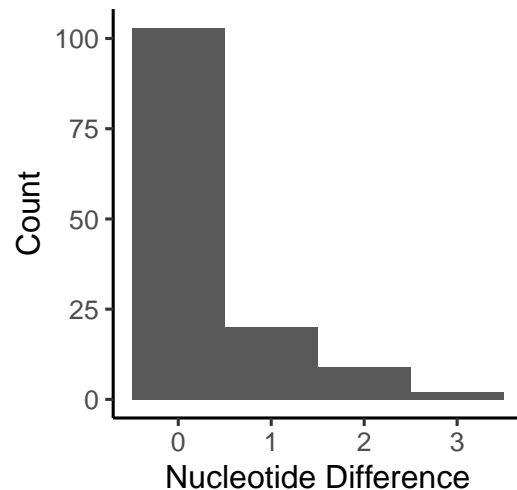
TRBV5-7*01

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



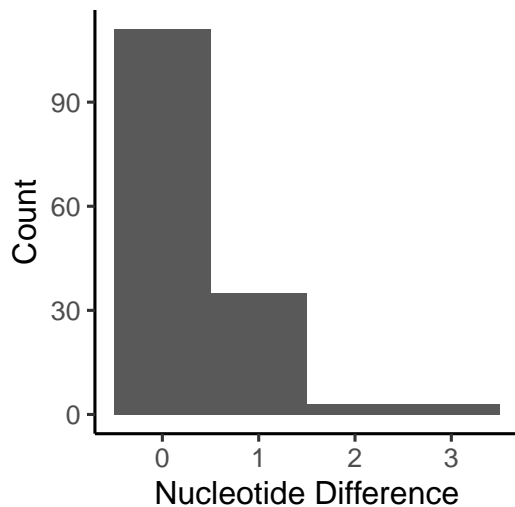
TRBV6-4*01

134 sequences assigned
103 (76.9%) exact matches, in which:
97 unique CDR3
11 unique J



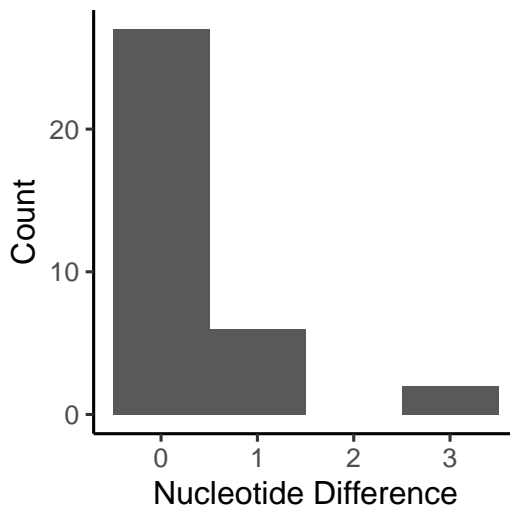
TRBV5-5*02_322TTGG32

152 sequences assigned
111 (73%) exact matches, in which:
111 unique CDR3
12 unique J



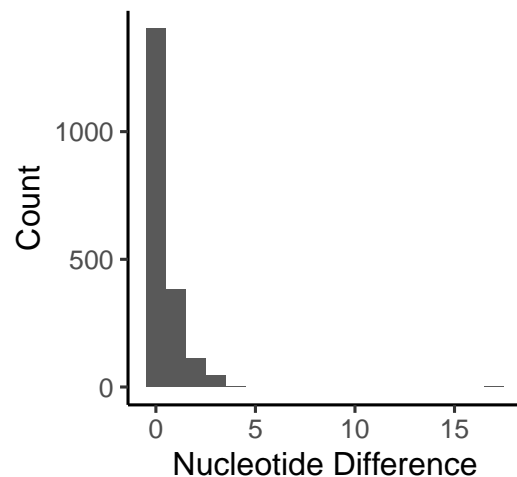
TRBV5-8*01

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



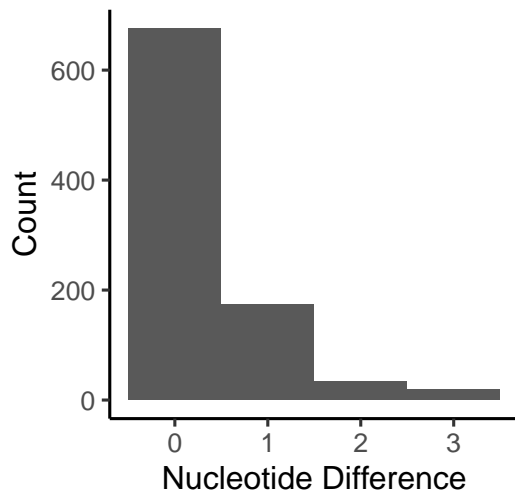
TRBV6-5*01

1945 sequences assigned
1403 (72.1%) exact matches, in which:
1354 unique CDR3
13 unique J



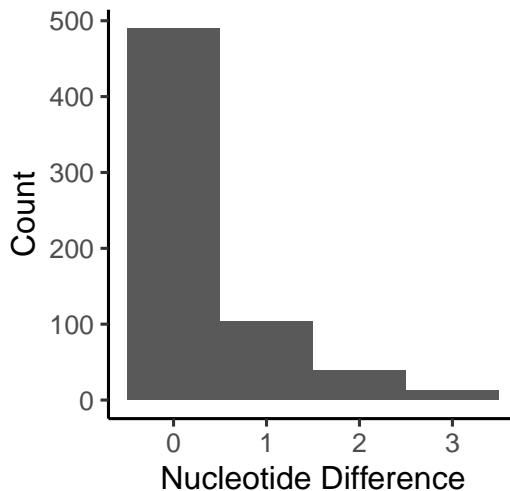
TRBV5-6*01

902 sequences assigned
676 (74.9%) exact matches, in which:
643 unique CDR3
13 unique J



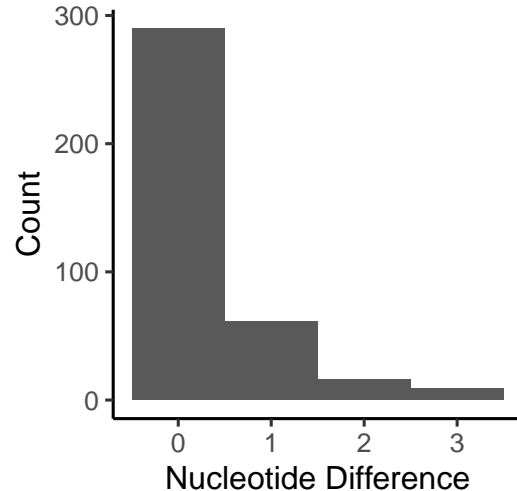
TRBV6-1*01

652 sequences assigned
490 (75.2%) exact matches, in which:
478 unique CDR3
13 unique J



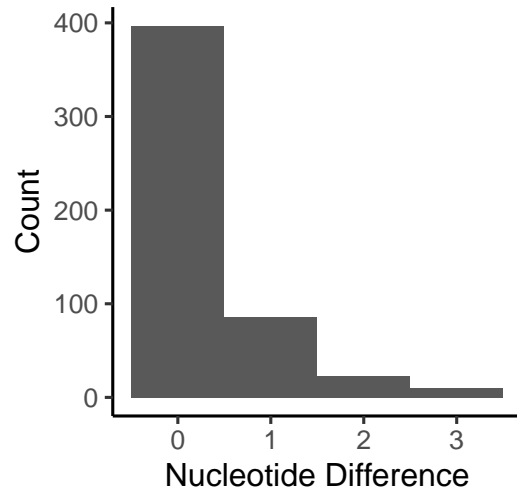
TRBV6-6*01

376 sequences assigned
290 (77.1%) exact matches, in which:
278 unique CDR3
13 unique J



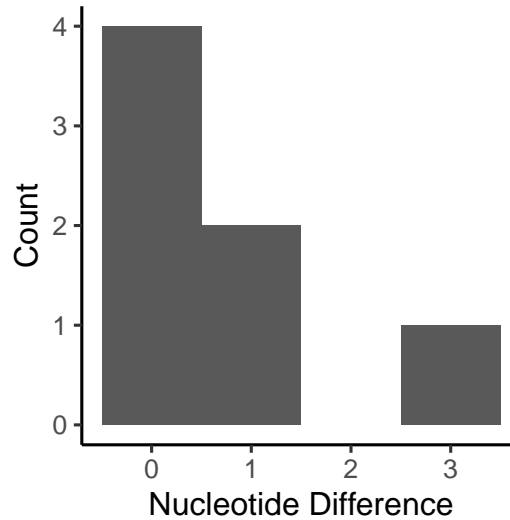
TRBV6-6*02

516 sequences assigned
397 (76.9%) exact matches, in which:
376 unique CDR3
13 unique J



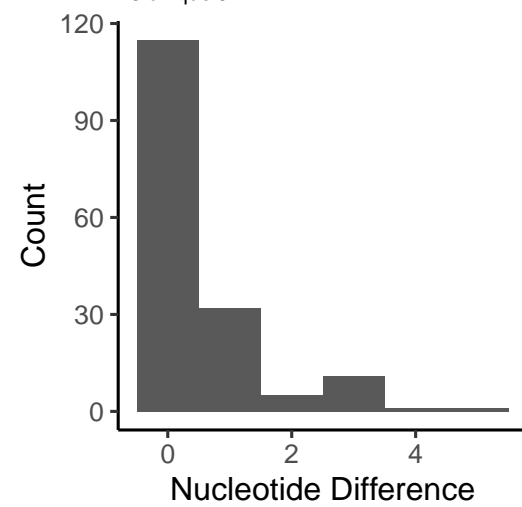
TRBV6-9*01

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



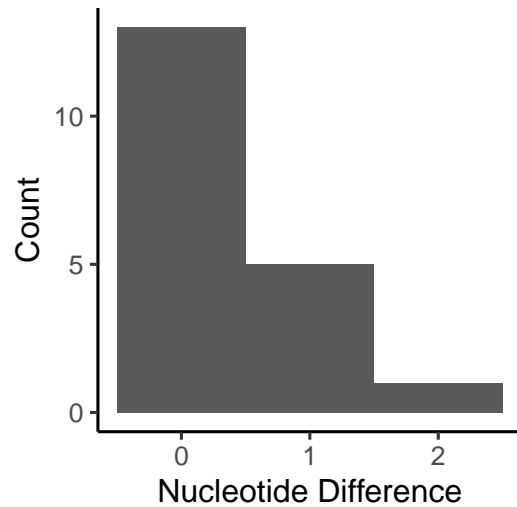
TRBV7-3*02

165 sequences assigned
115 (69.7%) exact matches, in which:
113 unique CDR3
13 unique J



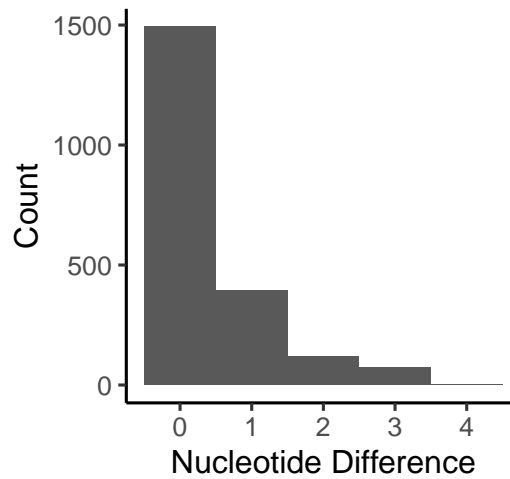
TRBV6-7*01

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



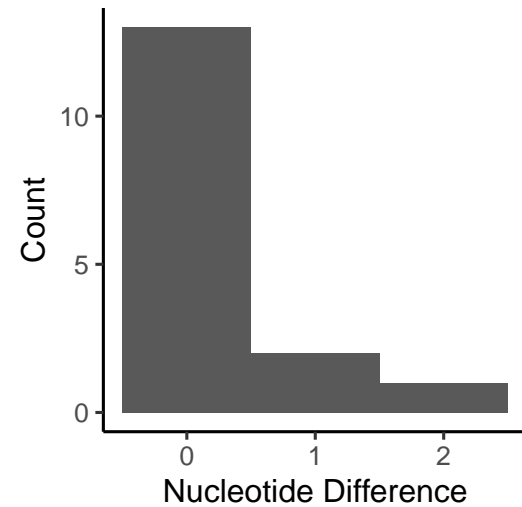
TRBV6-23*01

2081 sequences assigned
1493 (71.7%) exact matches, in which:
1420 unique CDR3
13 unique J



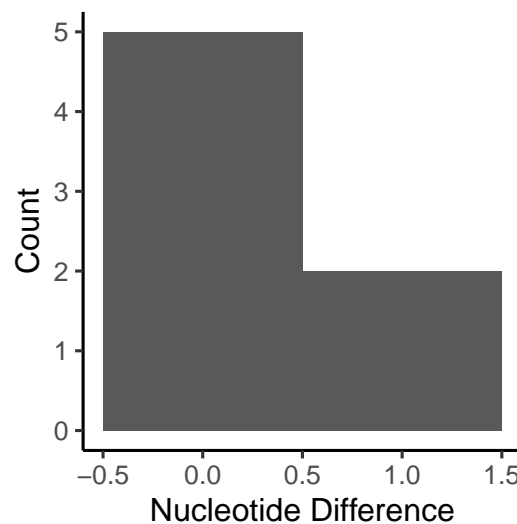
TRBV7-4*01

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



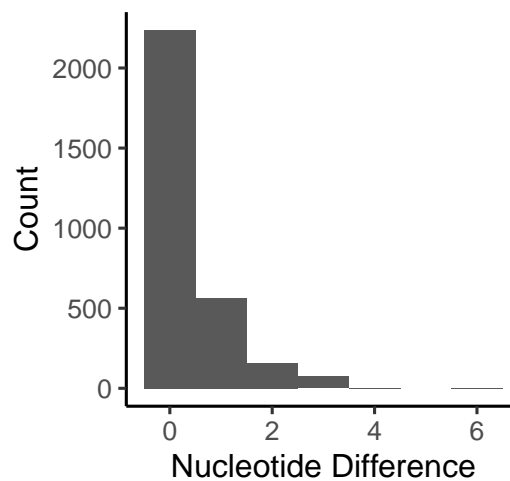
TRBV6-8*01

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



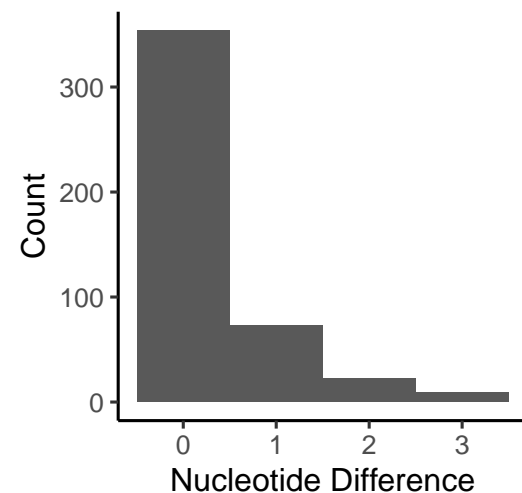
TRBV7-2*01

3039 sequences assigned
2237 (73.6%) exact matches, in which:
2152 unique CDR3
13 unique J



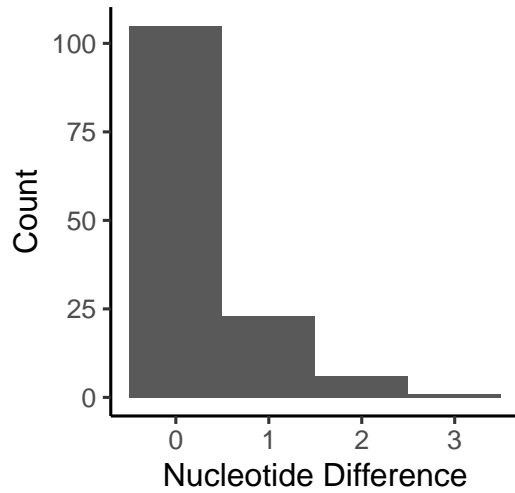
TRBV7-6*01

458 sequences assigned
354 (77.3%) exact matches, in which:
338 unique CDR3
13 unique J



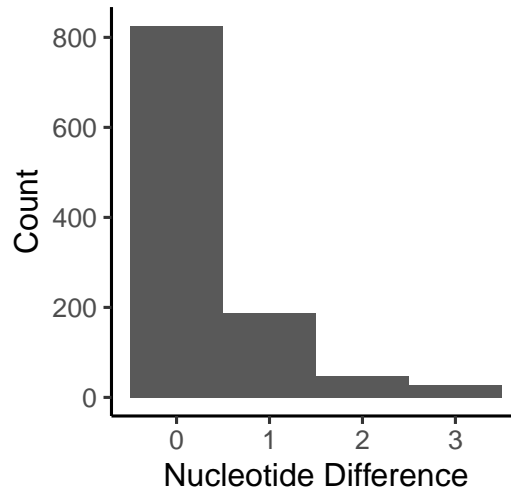
TRBV7-7*01

135 sequences assigned
105 (77.8%) exact matches, in which:
99 unique CDR3
9 unique J



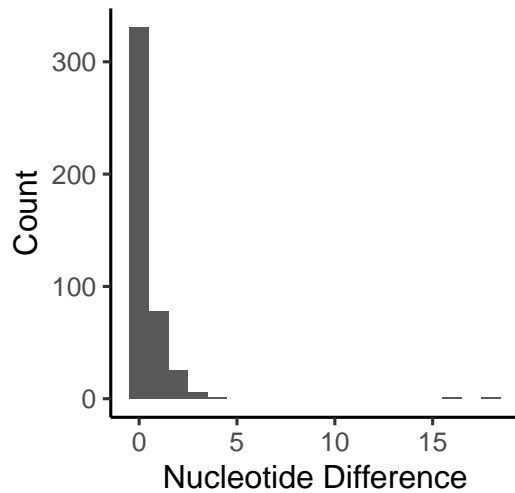
TRBV7-9*03

1089 sequences assigned
826 (75.8%) exact matches, in which:
803 unique CDR3
13 unique J



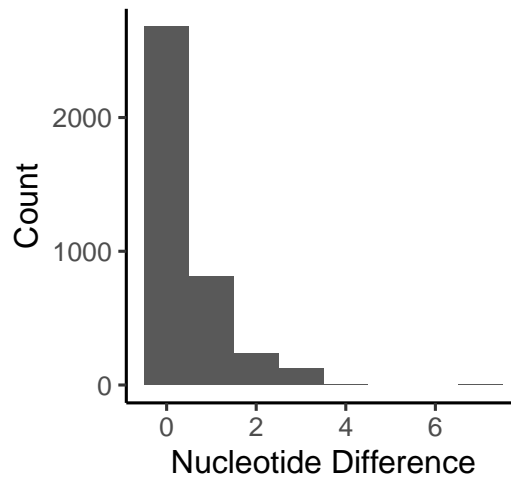
TRBV7-8*01

443 sequences assigned
331 (74.7%) exact matches, in which:
310 unique CDR3
13 unique J



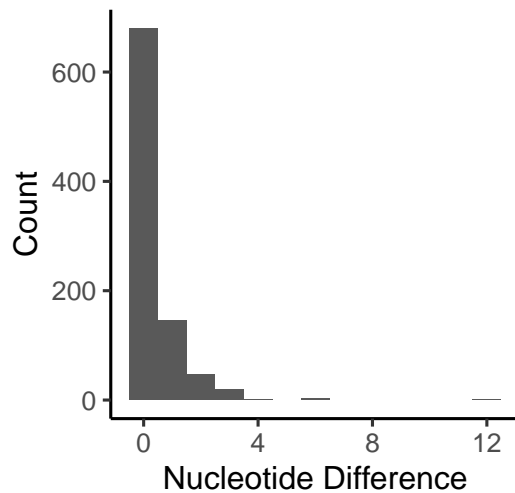
TRBV29-1*01

3851 sequences assigned
2679 (69.6%) exact matches, in which:
2501 unique CDR3
13 unique J

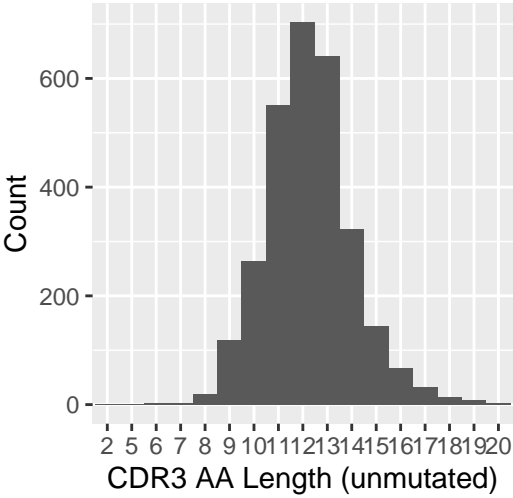


TRBV7-9*01

896 sequences assigned
680 (75.9%) exact matches, in which:
659 unique CDR3
13 unique J



TRBV20-1*02_319AGAGA323



TRBV5-5*02_322TTGG325

