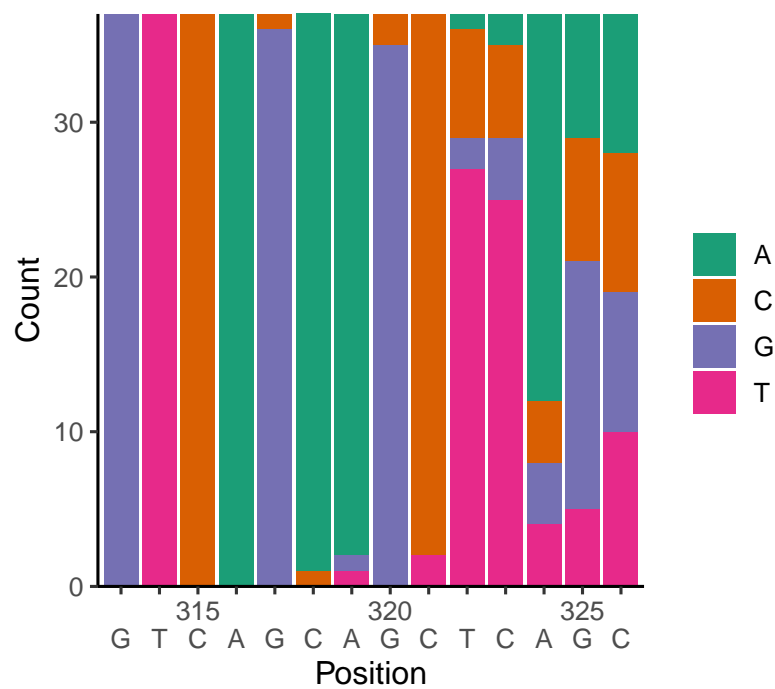
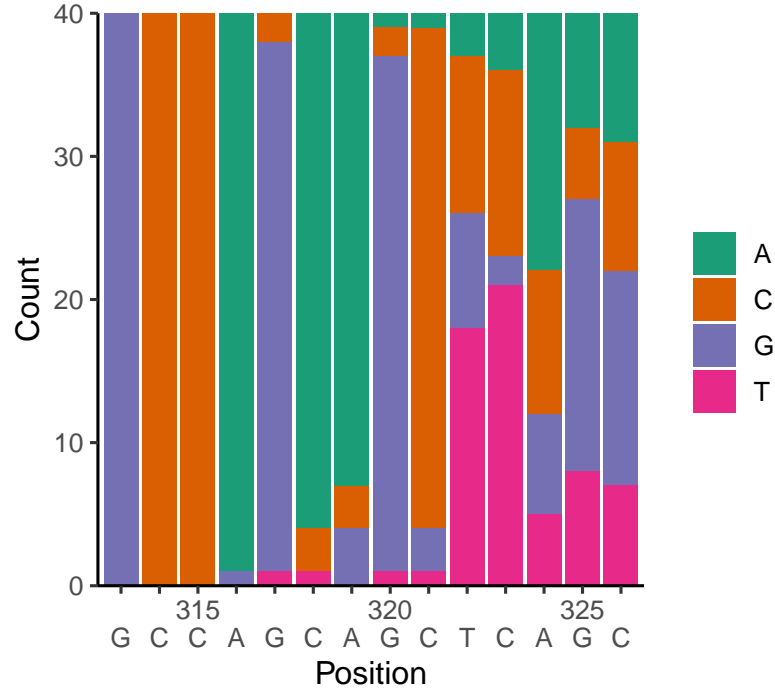


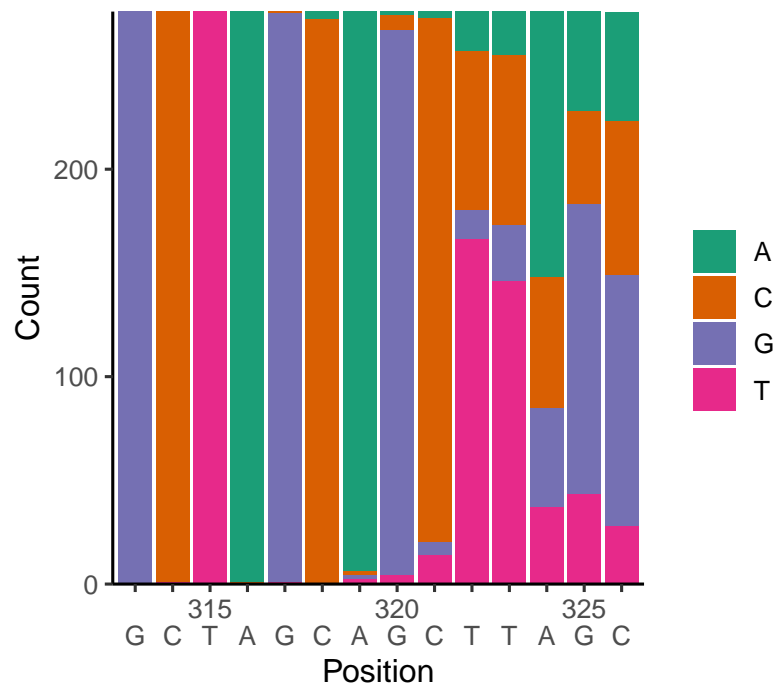
Gene TRBV7-1\*ap01\_G291C\_T296C\_C314T



Gene TRBV7-1\*ap01\_G291C\_T296C



Gene TRBV7-7\*ap01\_C315T



Gene TRBV7-1\*ap01\_G291C\_T296C\_C314T



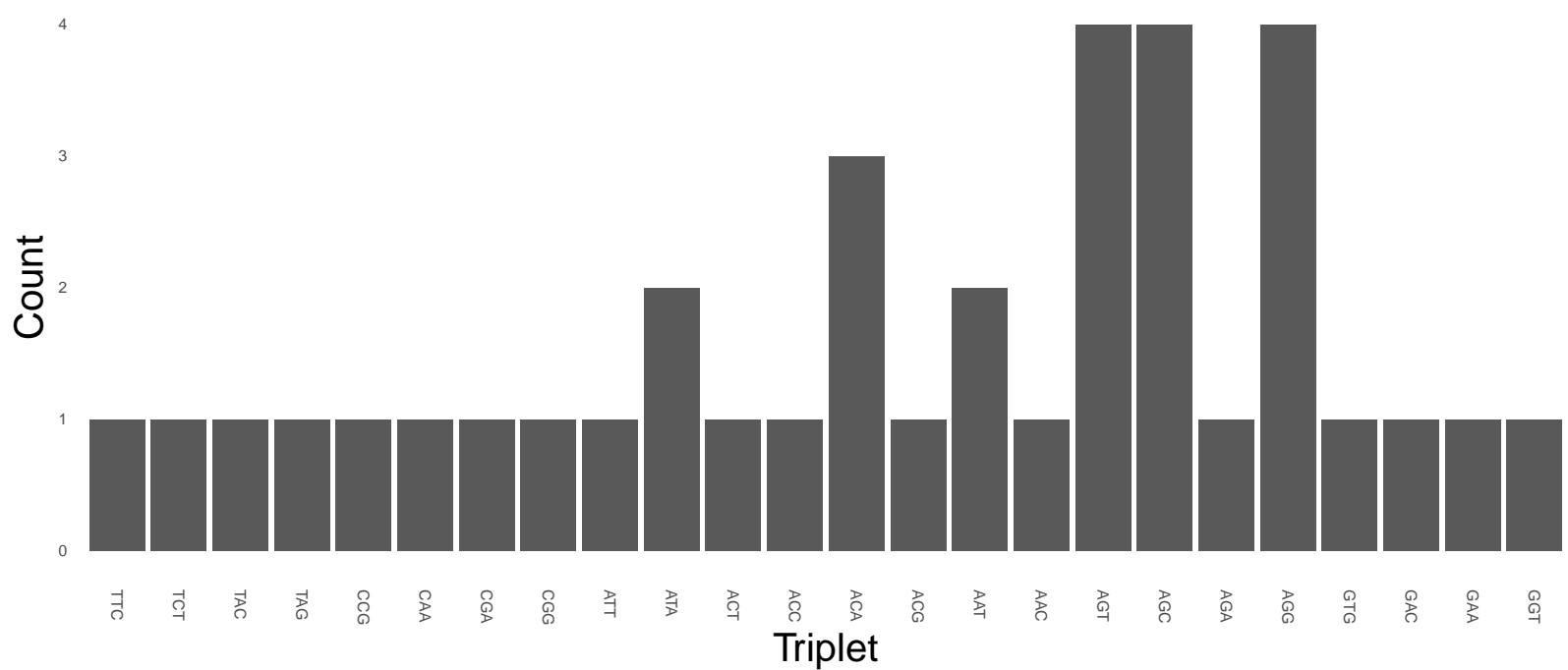
Gene TRBV7-1\*ap01\_G291C\_T296C



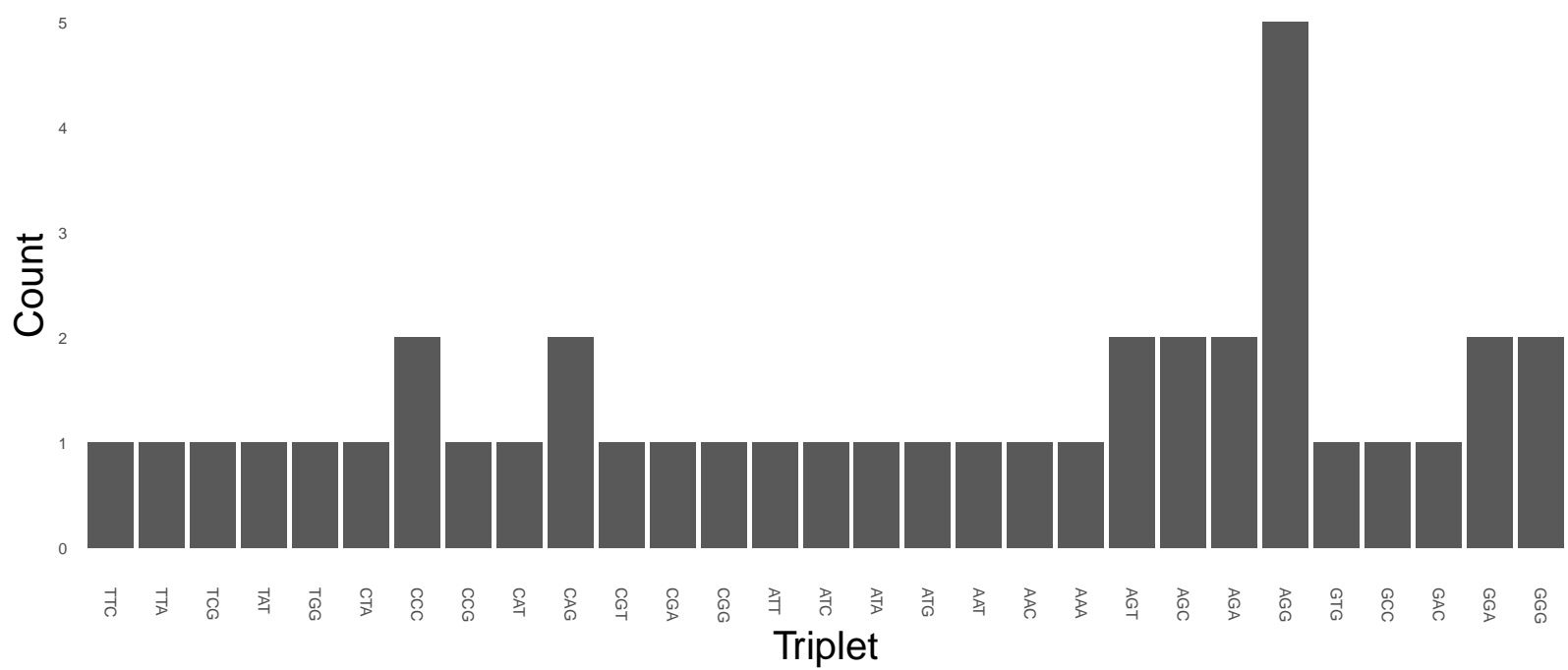
Gene TRBV7-7\*ap01\_C315T



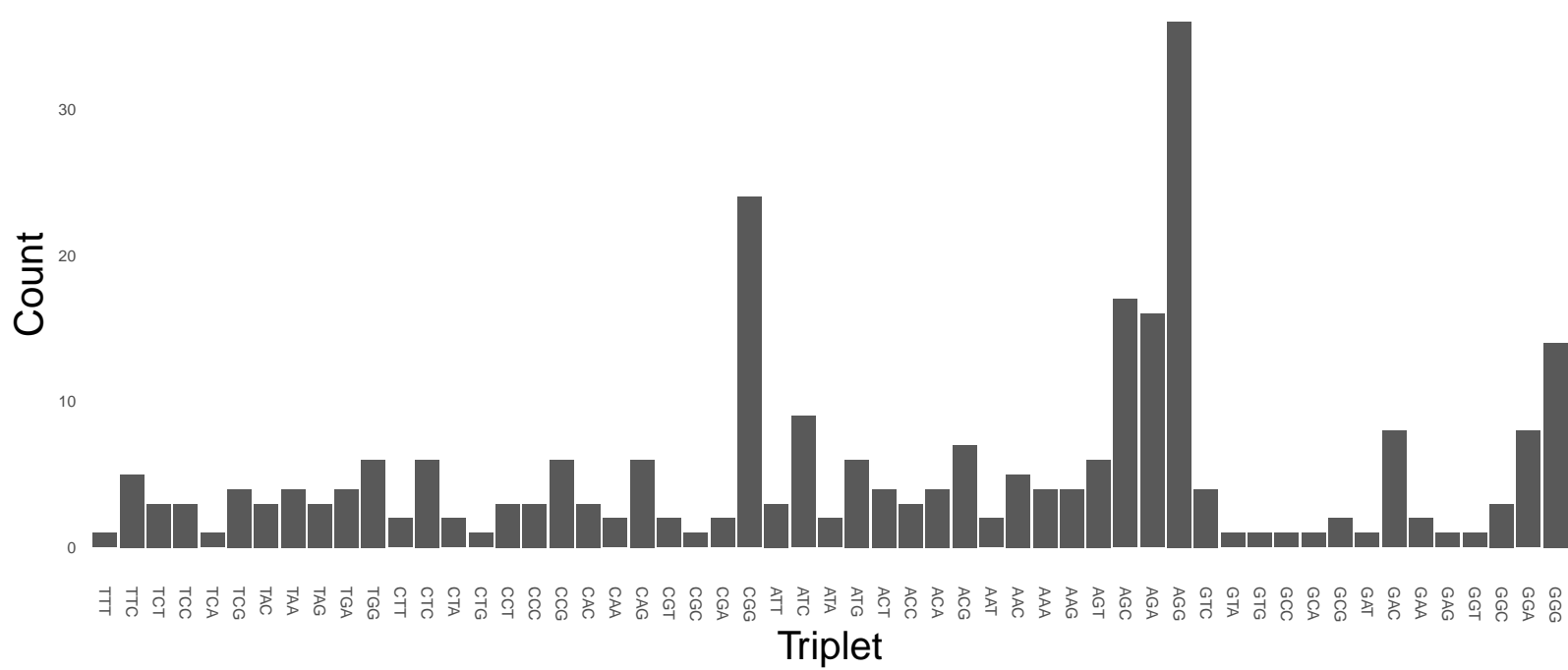
TRBV7-1\*ap01\_G291C\_T296C\_C314T- Final 3 nucleotides as a triplet



TRBV7-1\*ap01\_G291C\_T296C- Final 3 nucleotides as a triplet

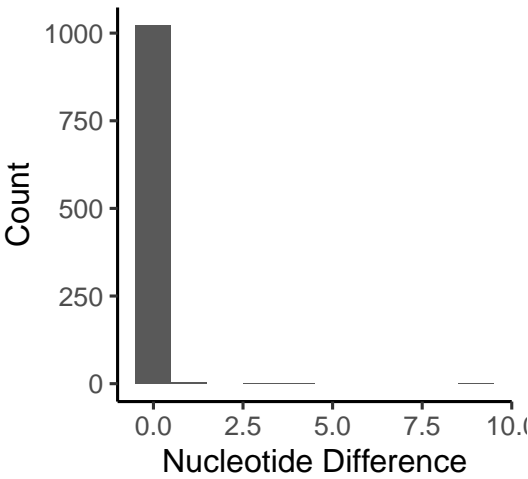


TRBV7-7\*ap01\_C315T- Final 3 nucleotides as a triplet



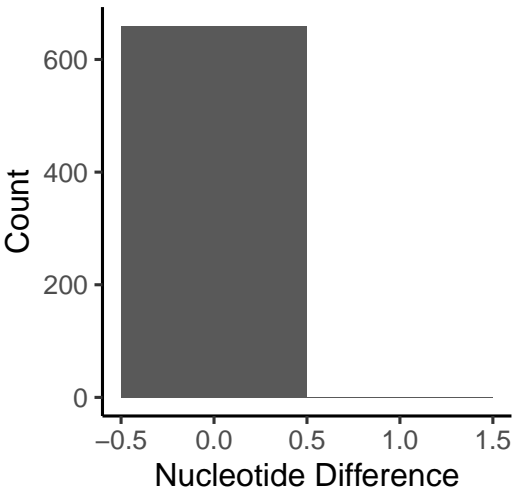
TRBV10-1\*ap01

1028 sequences assigned  
1022 (99.4%) exact matches, in which:  
1017 unique CDR3  
13 unique J



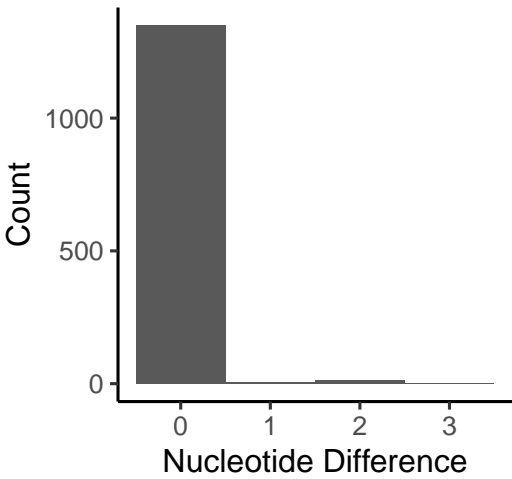
TRBV10-2\*ap01

661 sequences assigned  
660 (99.8%) exact matches, in which:  
658 unique CDR3  
13 unique J



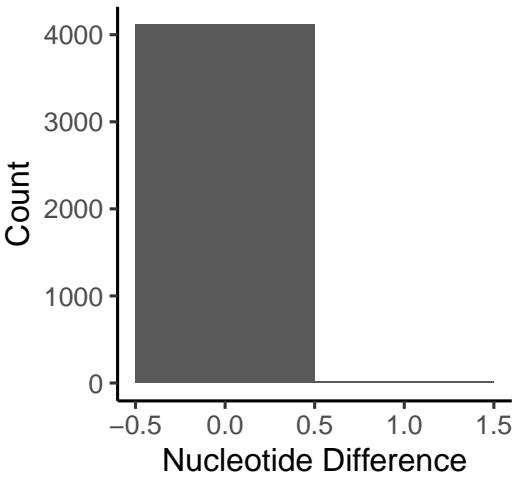
TRBV13\*ap01

1370 sequences assigned  
1349 (98.5%) exact matches, in which:  
1341 unique CDR3  
13 unique J



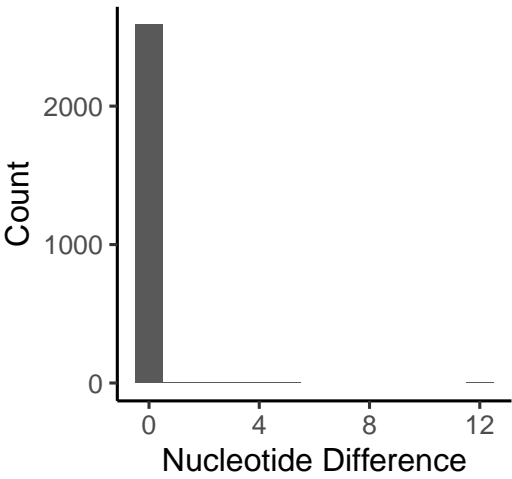
TRBV20-1\*ap01

4128 sequences assigned  
4115 (99.7%) exact matches, in which:  
4103 unique CDR3  
13 unique J



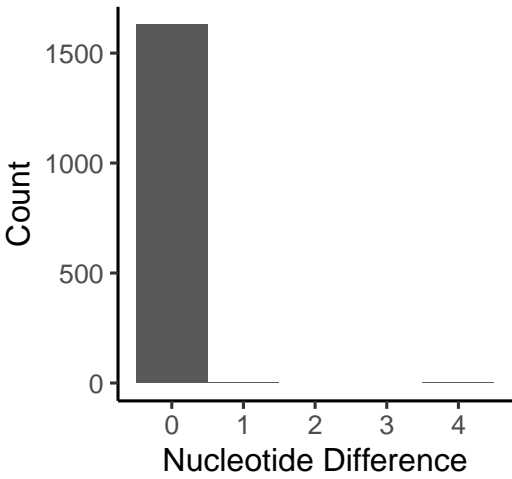
TRBV10-3\*ap01

2597 sequences assigned  
2588 (99.7%) exact matches, in which:  
2586 unique CDR3  
13 unique J



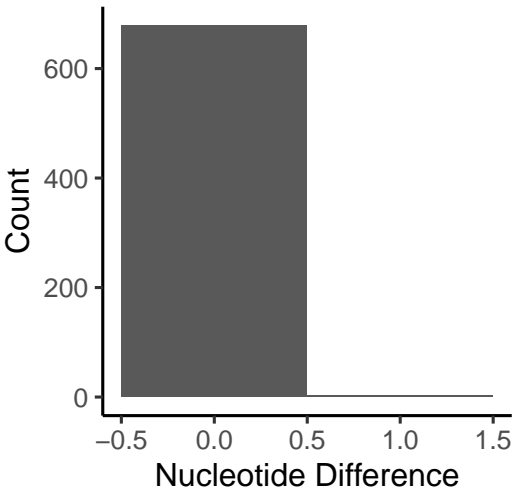
TRBV14\*ap01

1631 sequences assigned  
1629 (99.9%) exact matches, in which:  
1626 unique CDR3  
13 unique J



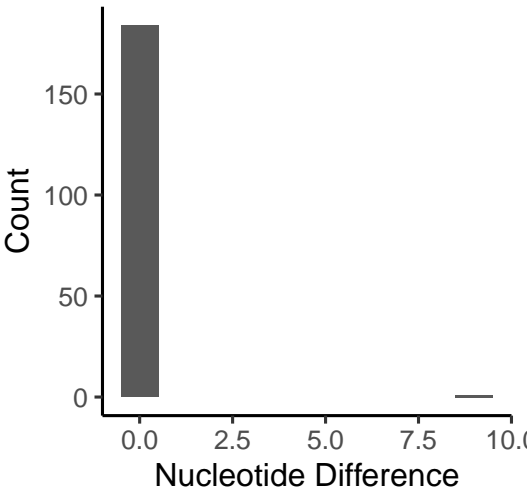
TRBV20-1\*ap02

681 sequences assigned  
679 (99.7%) exact matches, in which:  
675 unique CDR3  
13 unique J



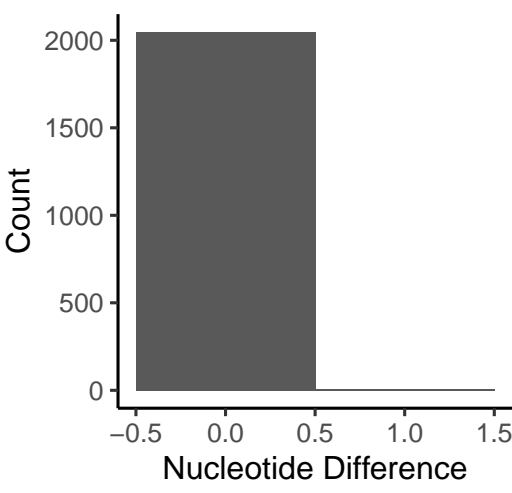
TRBV1\*ap01

185 sequences assigned  
184 (99.5%) exact matches, in which:  
184 unique CDR3  
13 unique J



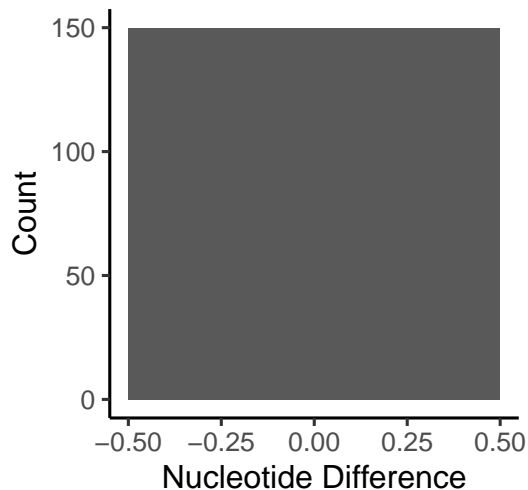
TRBV15\*ap02

2053 sequences assigned  
2047 (99.7%) exact matches, in which:  
2040 unique CDR3  
13 unique J



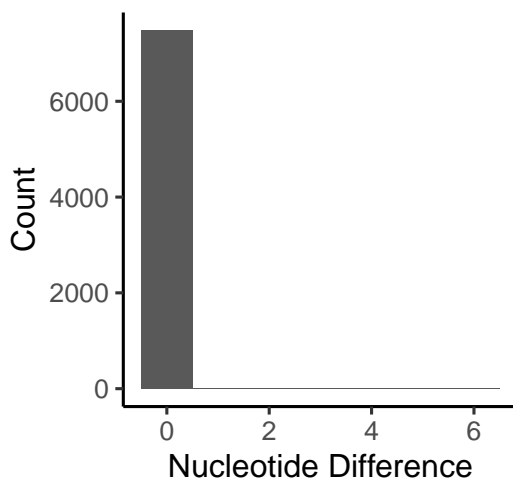
### TRBV16\*ap01

150 sequences assigned  
150 (100%) exact matches, in which:  
150 unique CDR3  
13 unique J



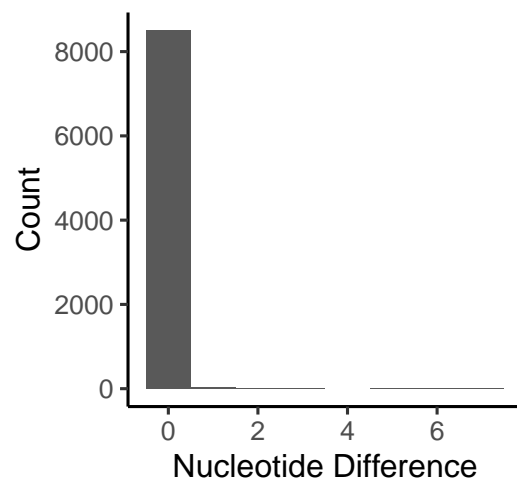
### TRBV19\*ap01

7496 sequences assigned  
7480 (99.8%) exact matches, in which:  
7477 unique CDR3  
13 unique J



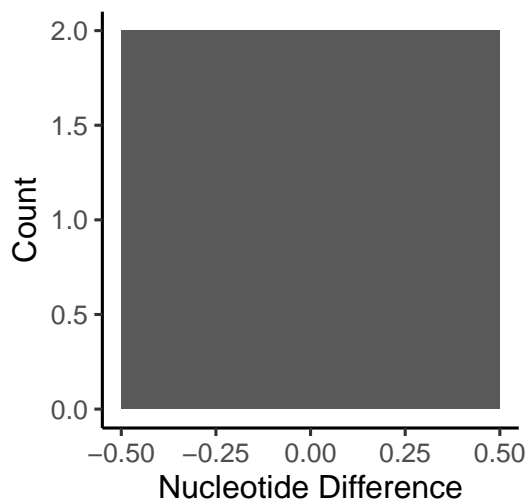
### TRBV27\*ap01

8546 sequences assigned  
8503 (99.5%) exact matches, in which:  
8472 unique CDR3  
13 unique J



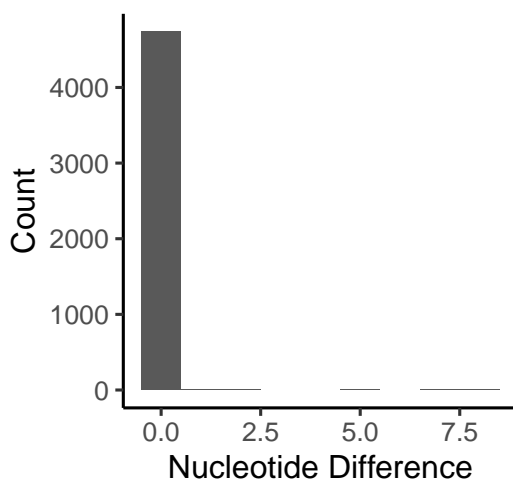
### TRBV17\*ap01

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



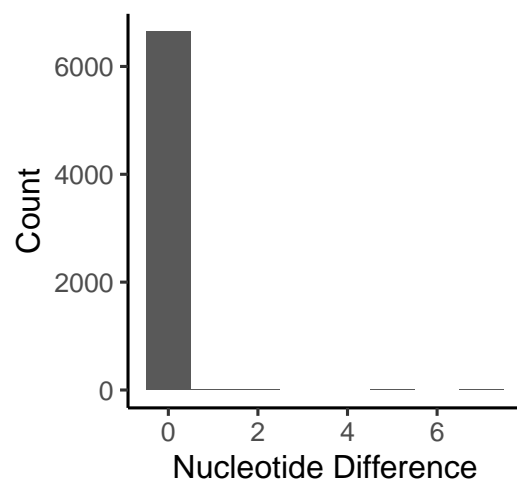
### TRBV2\*ap01

4755 sequences assigned  
4737 (99.6%) exact matches, in which:  
4724 unique CDR3  
13 unique J



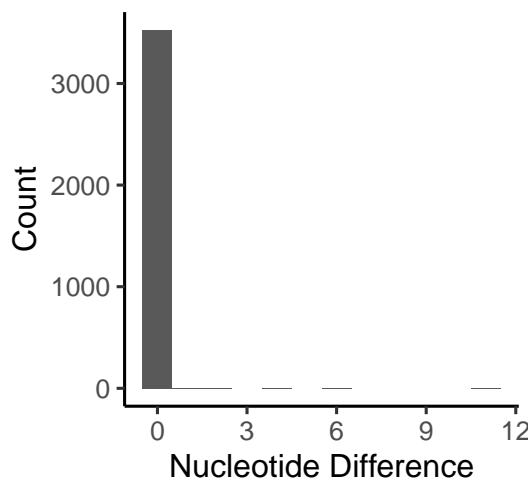
### TRBV28\*ap01

6658 sequences assigned  
6644 (99.8%) exact matches, in which:  
6634 unique CDR3  
13 unique J



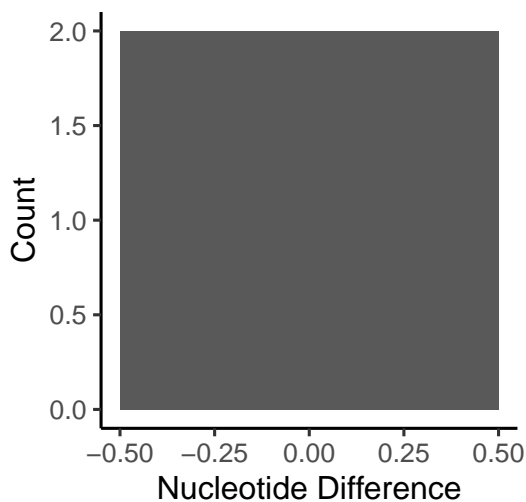
### TRBV18\*ap01

3534 sequences assigned  
3526 (99.8%) exact matches, in which:  
3524 unique CDR3  
13 unique J



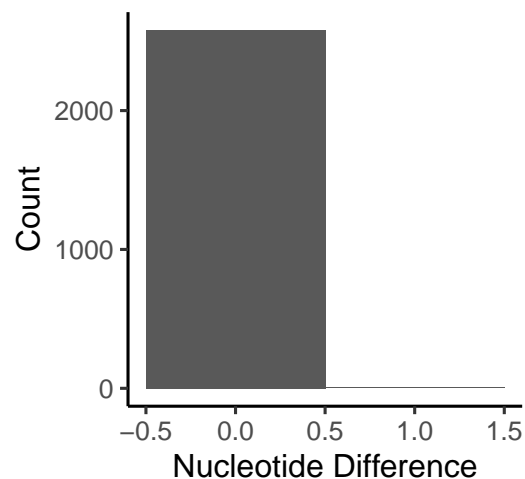
### TRBV26\*ap01

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



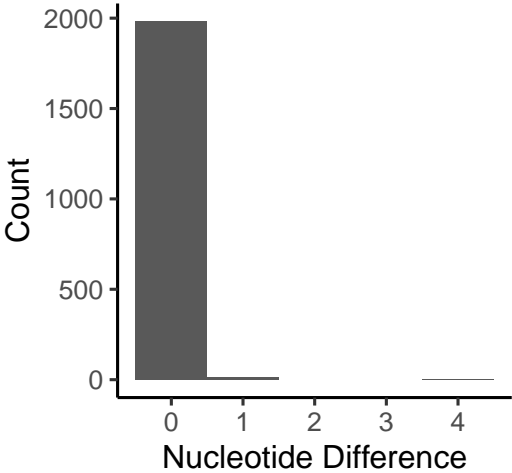
### TRBV30\*ap01

2587 sequences assigned  
2580 (99.7%) exact matches, in which:  
2573 unique CDR3  
13 unique J



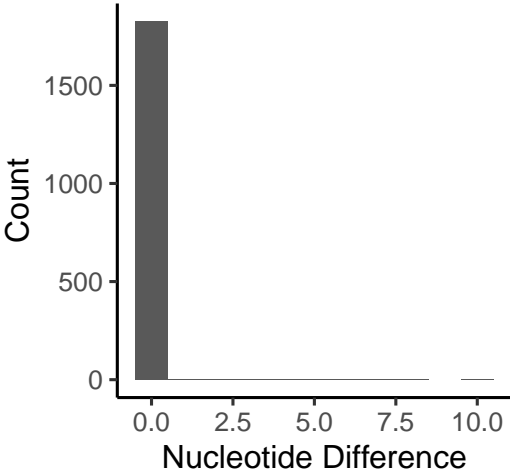
TRBV30\*ap02

1995 sequences assigned  
1982 (99.3%) exact matches, in which:  
1978 unique CDR3  
13 unique J



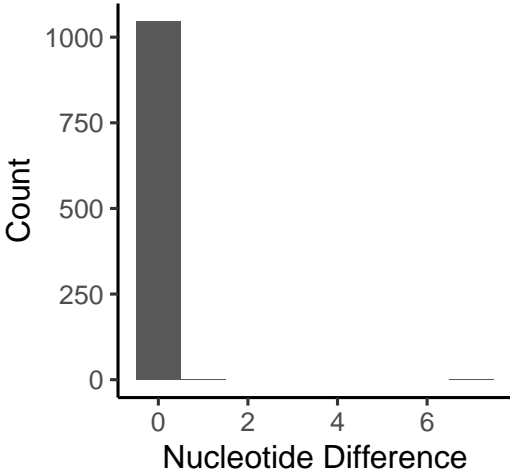
TRBV21-1\*ap01

1848 sequences assigned  
1826 (98.8%) exact matches, in which:  
1826 unique CDR3  
13 unique J



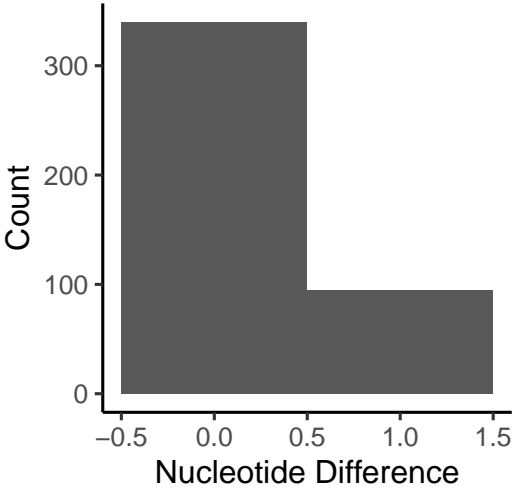
TRBV11-3\*ap01

1048 sequences assigned  
1046 (99.8%) exact matches, in which:  
1045 unique CDR3  
13 unique J



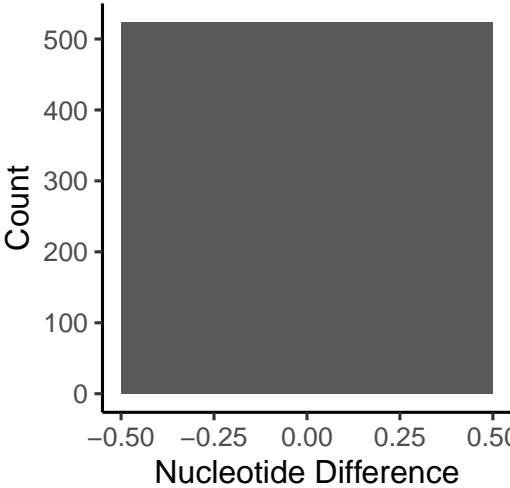
TRBV30\*ap03

435 sequences assigned  
340 (78.2%) exact matches, in which:  
337 unique CDR3  
13 unique J



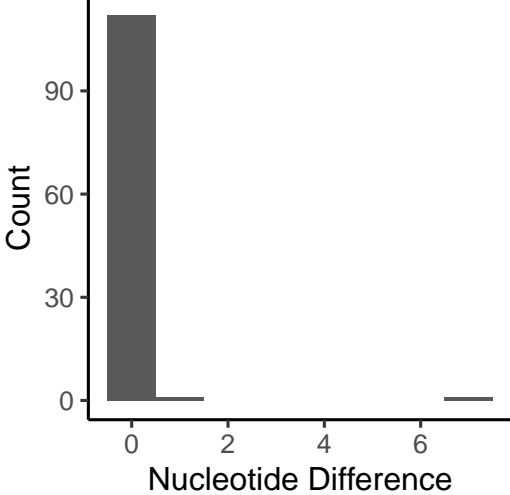
TRBV11-1\*ap01

524 sequences assigned  
524 (100%) exact matches, in which:  
524 unique CDR3  
13 unique J



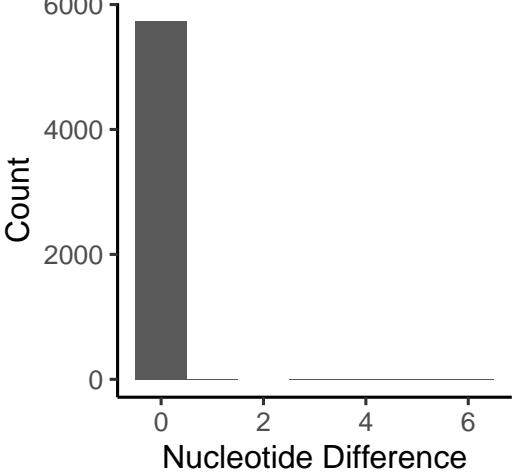
TRBV12-1\*ap01

114 sequences assigned  
112 (98.2%) exact matches, in which:  
112 unique CDR3  
13 unique J



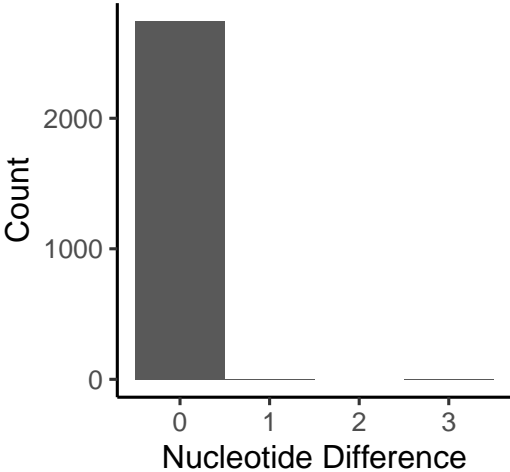
TRBV9\*ap01

5751 sequences assigned  
5736 (99.7%) exact matches, in which:  
5723 unique CDR3  
13 unique J



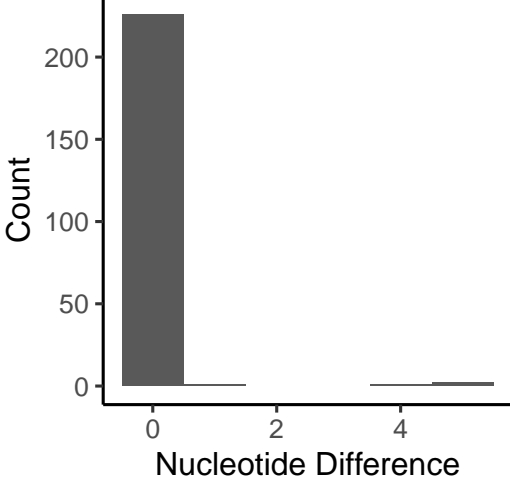
TRBV11-2\*ap01

2748 sequences assigned  
2745 (99.9%) exact matches, in which:  
2739 unique CDR3  
13 unique J



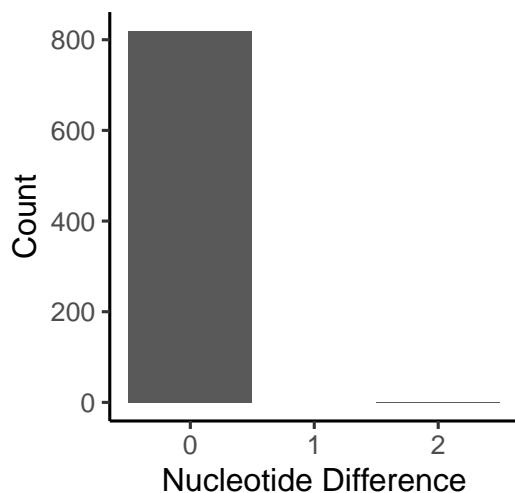
TRBV12-2\*ap01

230 sequences assigned  
226 (98.3%) exact matches, in which:  
226 unique CDR3  
13 unique J



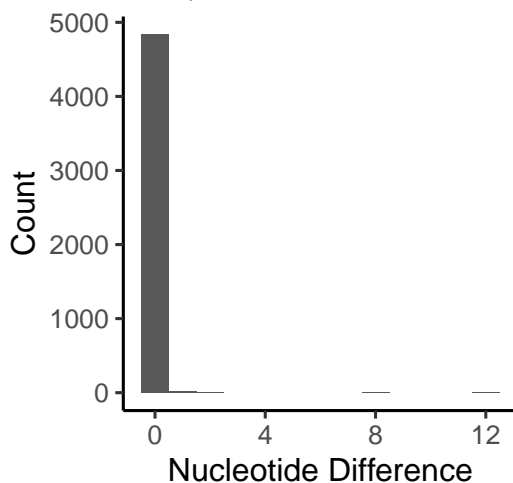
### TRBV12–5\*ap01

821 sequences assigned  
820 (99.9%) exact matches, in which:  
820 unique CDR3  
13 unique J



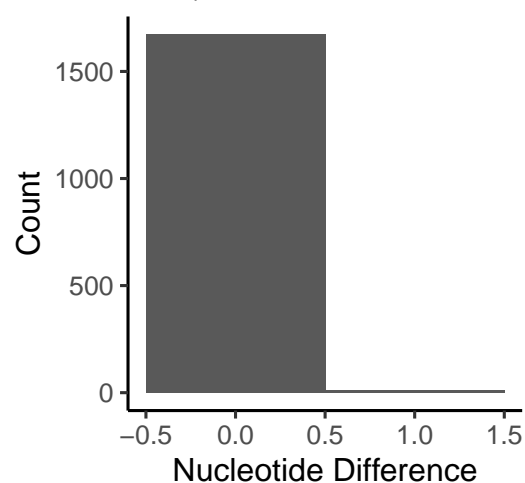
### TRBV3–12\*ap01

4861 sequences assigned  
4837 (99.5%) exact matches, in which:  
4825 unique CDR3  
13 unique J



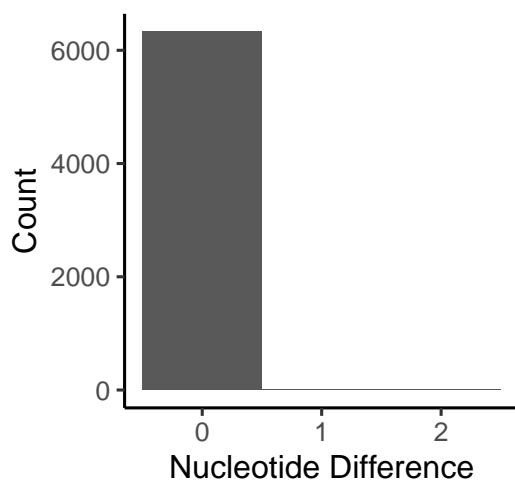
### TRBV4–2\*ap01

1685 sequences assigned  
1673 (99.3%) exact matches, in which:  
1671 unique CDR3  
13 unique J



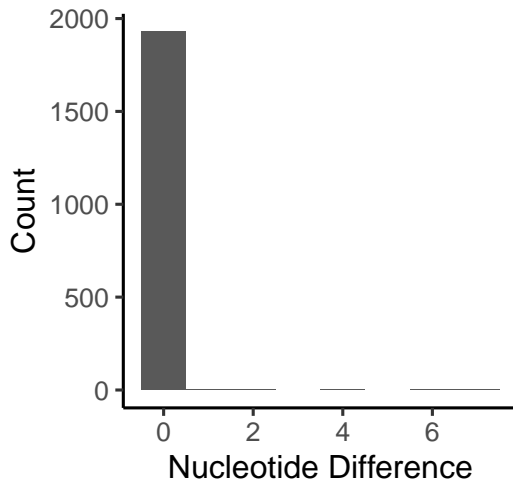
### TRBV12–34\*ap01

6346 sequences assigned  
6328 (99.7%) exact matches, in which:  
6325 unique CDR3  
13 unique J



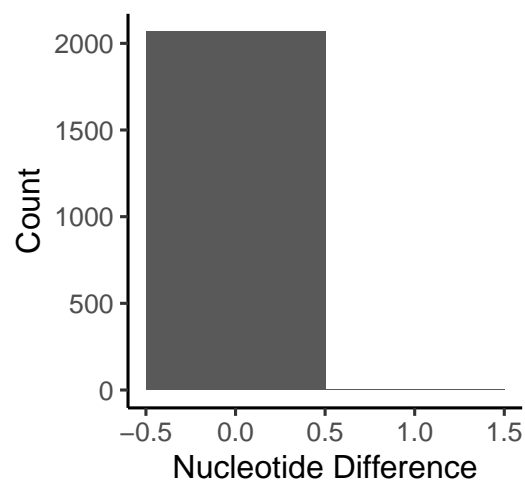
### TRBV24–1\*ap01

1939 sequences assigned  
1929 (99.5%) exact matches, in which:  
1924 unique CDR3  
13 unique J



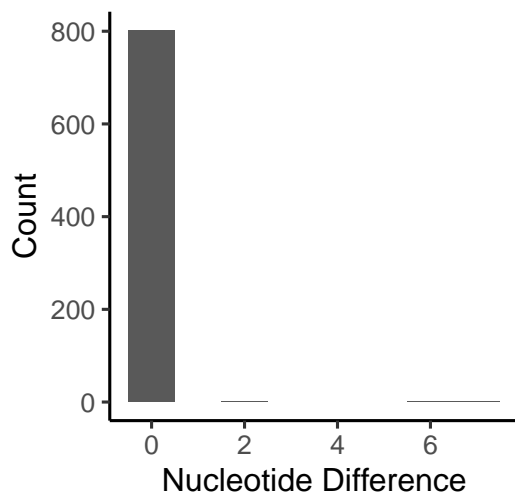
### TRBV4–3\*ap01

2071 sequences assigned  
2067 (99.8%) exact matches, in which:  
2062 unique CDR3  
13 unique J



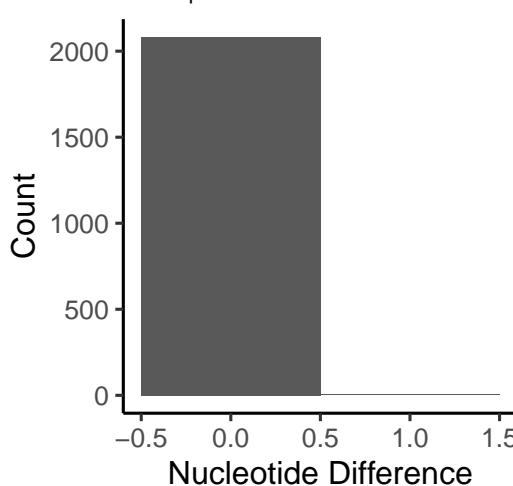
### TRBV23–1\*ap01

807 sequences assigned  
802 (99.4%) exact matches, in which:  
801 unique CDR3  
13 unique J



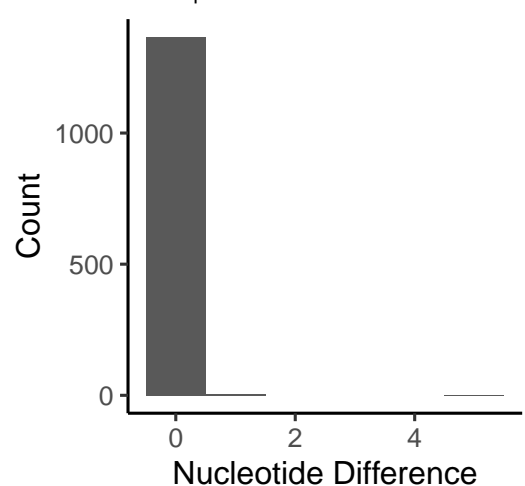
### TRBV4–1\*ap01

2086 sequences assigned  
2082 (99.8%) exact matches, in which:  
2070 unique CDR3  
13 unique J



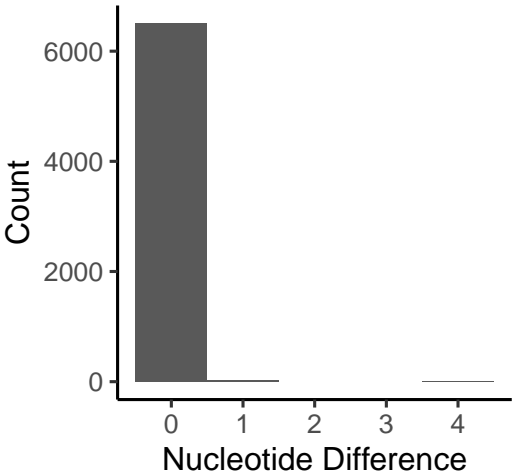
### TRBV25–1\*ap01

1373 sequences assigned  
1366 (99.5%) exact matches, in which:  
1363 unique CDR3  
13 unique J



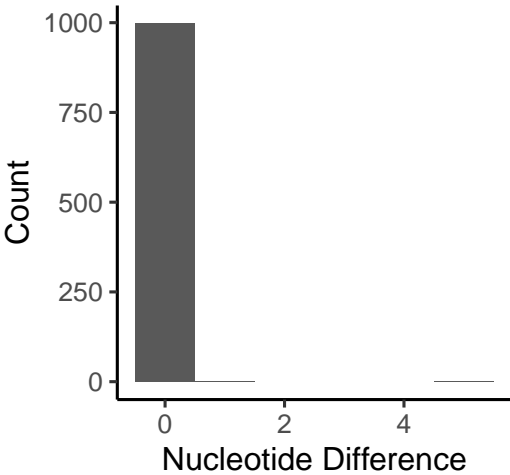
TRBV5-1\*ap01

6524 sequences assigned  
6504 (99.7%) exact matches, in which:  
6469 unique CDR3  
13 unique J



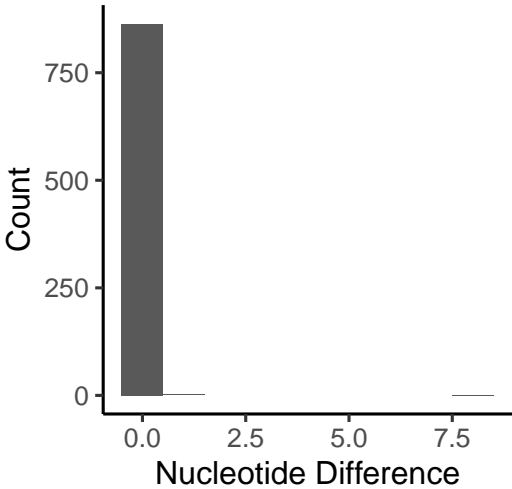
TRBV5-5\*ap01

1001 sequences assigned  
998 (99.7%) exact matches, in which:  
998 unique CDR3  
13 unique J



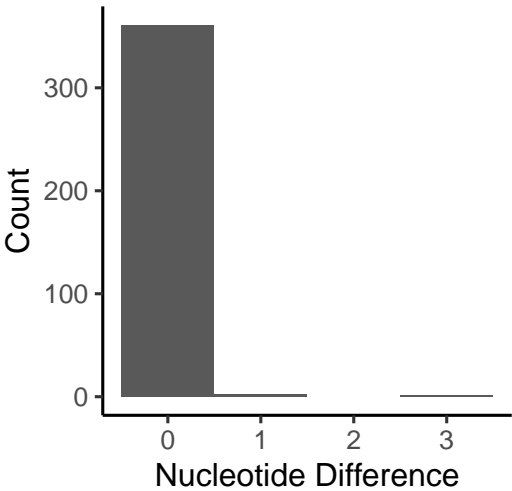
TRBV5-8\*ap01

867 sequences assigned  
864 (99.7%) exact matches, in which:  
863 unique CDR3  
13 unique J



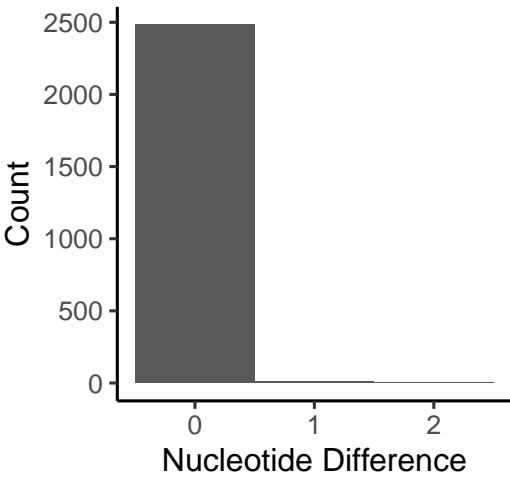
TRBV5-3\*ap01

364 sequences assigned  
361 (99.2%) exact matches, in which:  
360 unique CDR3  
13 unique J



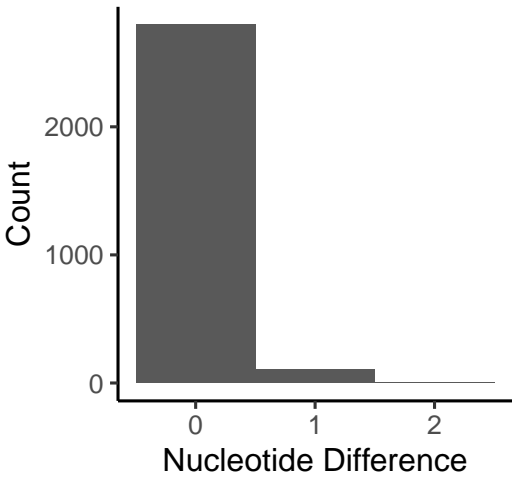
TRBV5-6\*ap01

2496 sequences assigned  
2483 (99.5%) exact matches, in which:  
2472 unique CDR3  
13 unique J



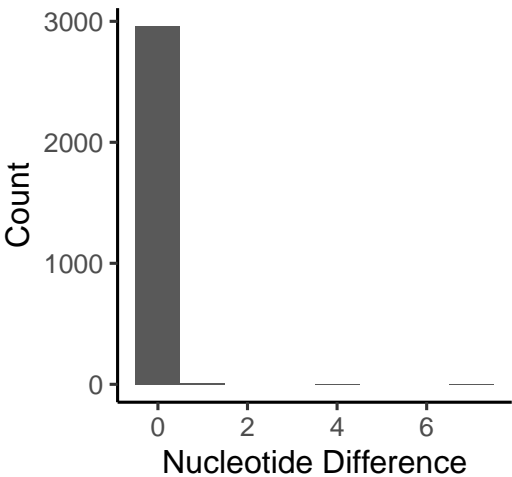
TRBV6-1\*ap01

2900 sequences assigned  
2797 (96.4%) exact matches, in which:  
2795 unique CDR3  
13 unique J



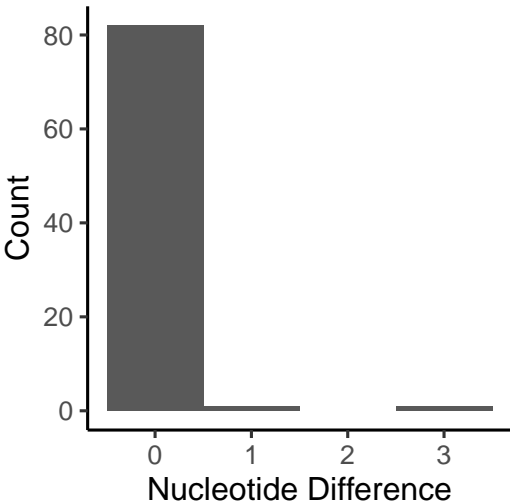
TRBV5-4\*ap01

2974 sequences assigned  
2961 (99.6%) exact matches, in which:  
2955 unique CDR3  
13 unique J



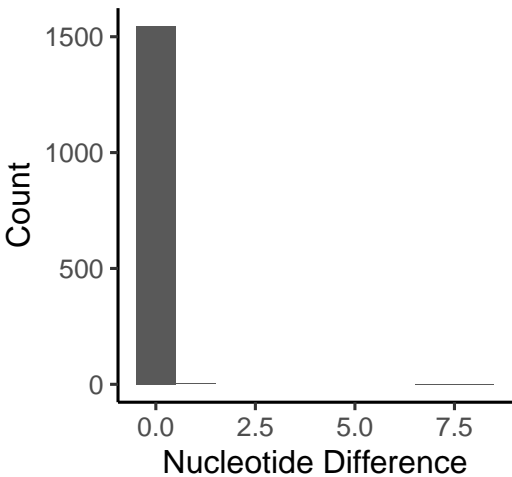
TRBV5-7\*ap01

84 sequences assigned  
82 (97.6%) exact matches, in which:  
82 unique CDR3  
11 unique J



TRBV6-4\*ap01

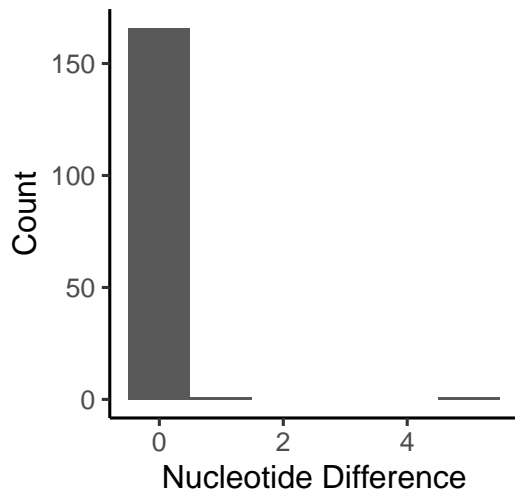
1552 sequences assigned  
1546 (99.6%) exact matches, in which:  
1546 unique CDR3  
13 unique J





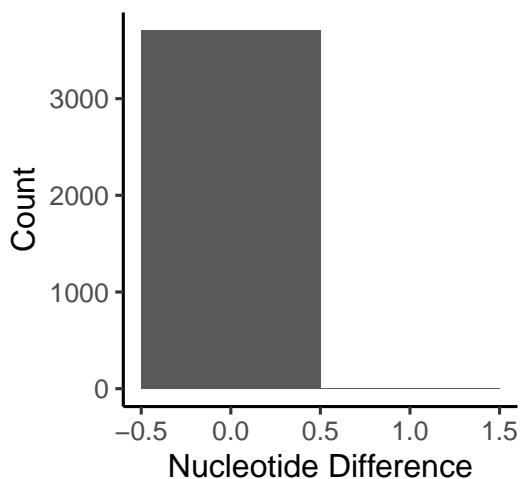
### TRBV6-7\*ap01

168 sequences assigned  
166 (98.8%) exact matches, in which:  
166 unique CDR3  
12 unique J



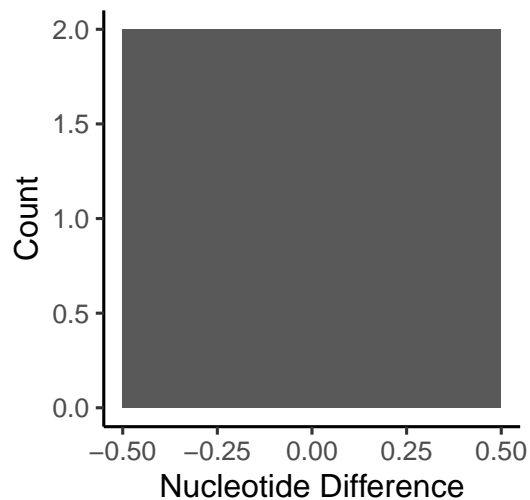
### TRBV6-23\*ap01

3711 sequences assigned  
3706 (99.9%) exact matches, in which:  
3691 unique CDR3  
13 unique J



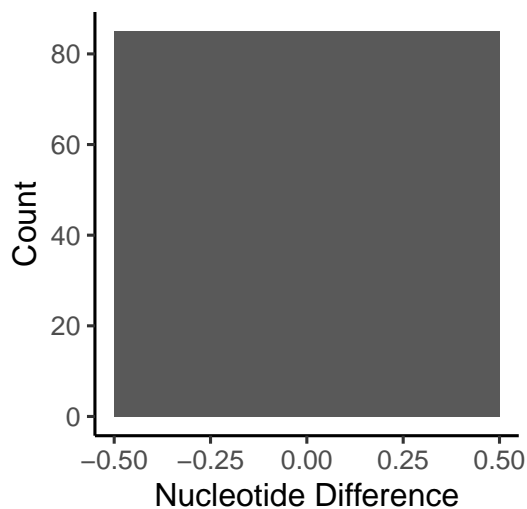
### TRBV7-1\*ap01

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



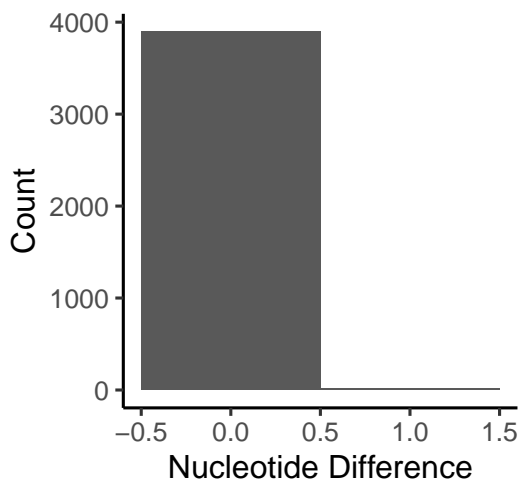
### TRBV6-8\*ap01

85 sequences assigned  
85 (100%) exact matches, in which:  
85 unique CDR3  
12 unique J



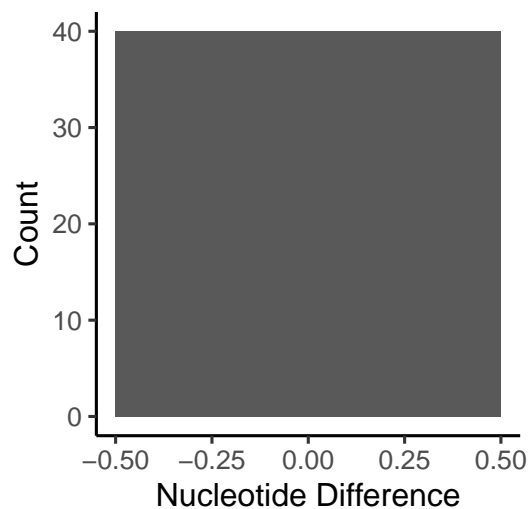
### TRBV6-56\*ap01

3907 sequences assigned  
3896 (99.7%) exact matches, in which:  
3880 unique CDR3  
13 unique J



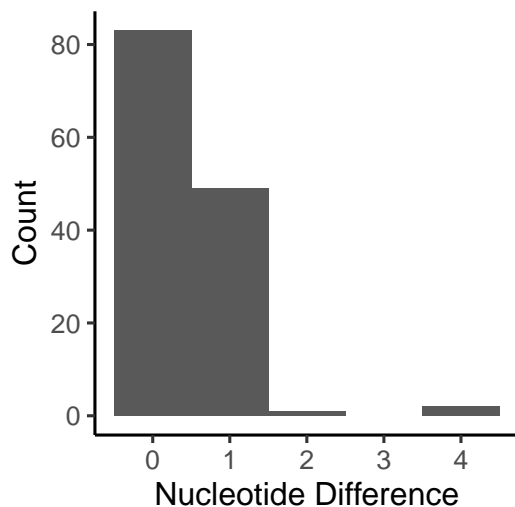
### TRBV7-1\*ap01\_G291C\_T

40 sequences assigned  
40 (100%) exact matches, in which:  
40 unique CDR3  
12 unique J



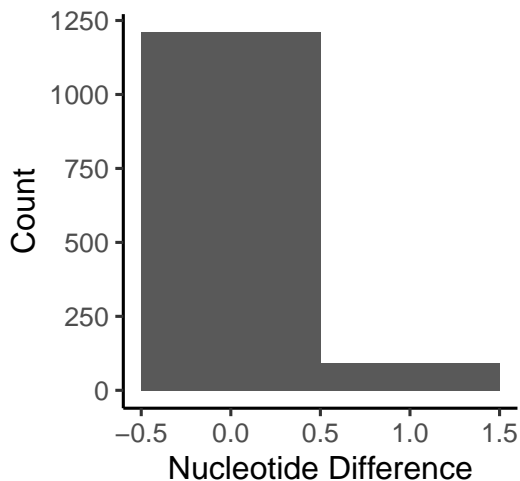
### TRBV6-9\*ap01

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



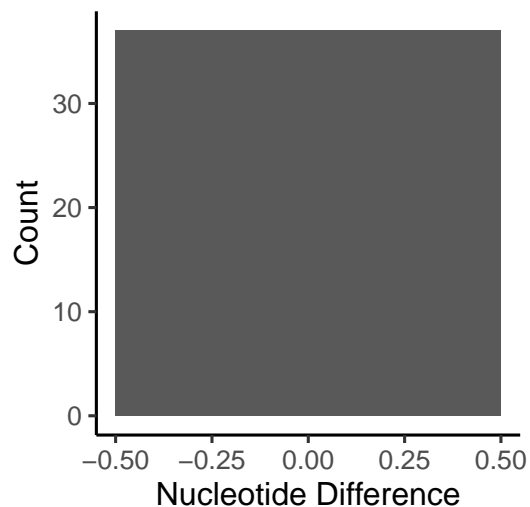
### TRBV6-56\*ap02

1303 sequences assigned  
1211 (92.9%) exact matches, in which:  
1205 unique CDR3  
13 unique J



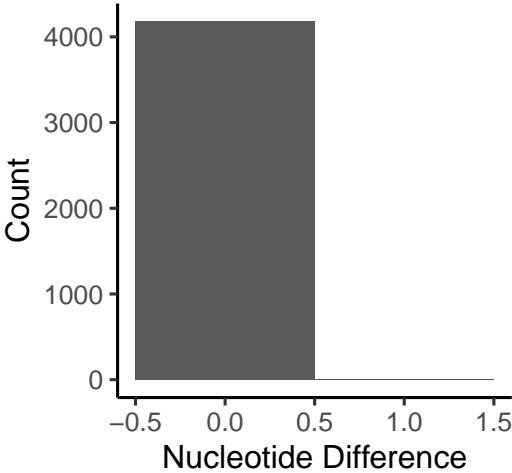
### TRBV7-1\*ap01\_G291C\_T

37 sequences assigned  
37 (100%) exact matches, in which:  
37 unique CDR3  
12 unique J



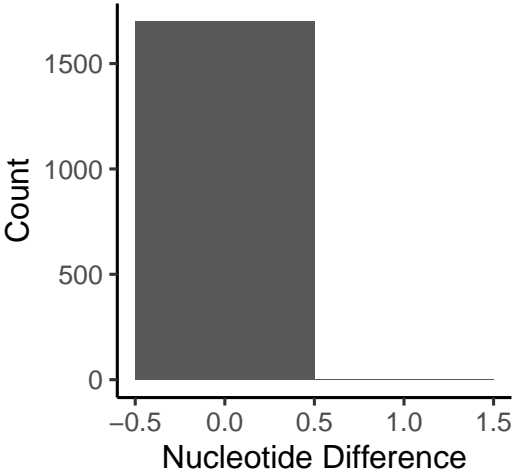
TRBV7-2\*ap01

4189 sequences assigned  
4180 (99.8%) exact matches, in which:  
4173 unique CDR3  
14 unique J



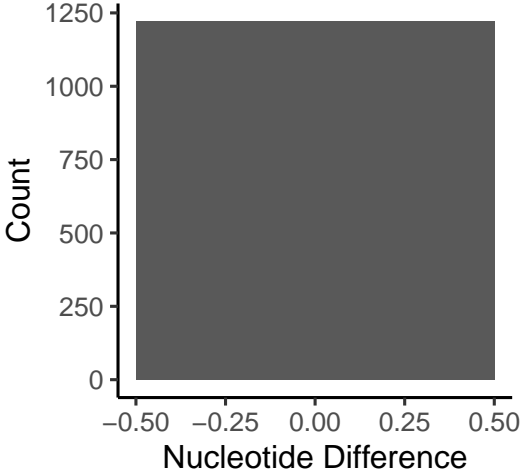
TRBV7-6\*ap01

1703 sequences assigned  
1700 (99.8%) exact matches, in which:  
1697 unique CDR3  
13 unique J



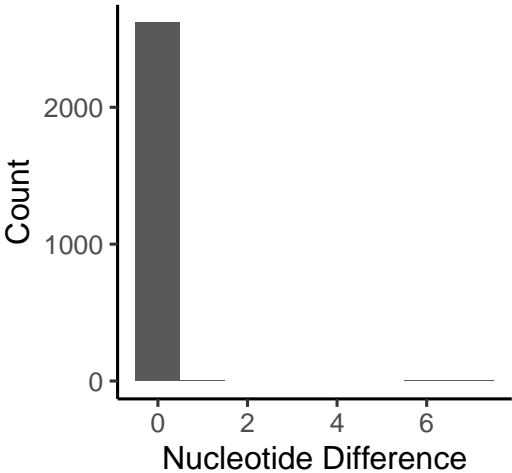
TRBV7-8\*ap01

1221 sequences assigned  
1221 (100%) exact matches, in which:  
1220 unique CDR3  
13 unique J



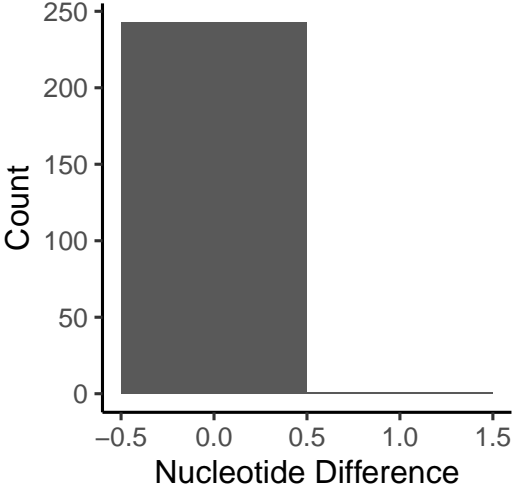
TRBV7-3\*ap01

2627 sequences assigned  
2618 (99.7%) exact matches, in which:  
2615 unique CDR3  
13 unique J



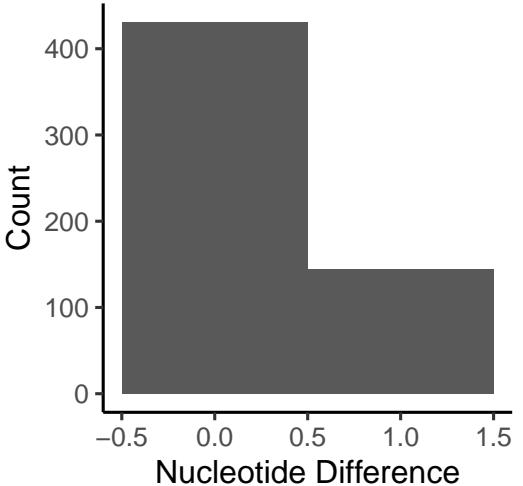
TRBV7-7\*ap01

244 sequences assigned  
243 (99.6%) exact matches, in which:  
242 unique CDR3  
12 unique J



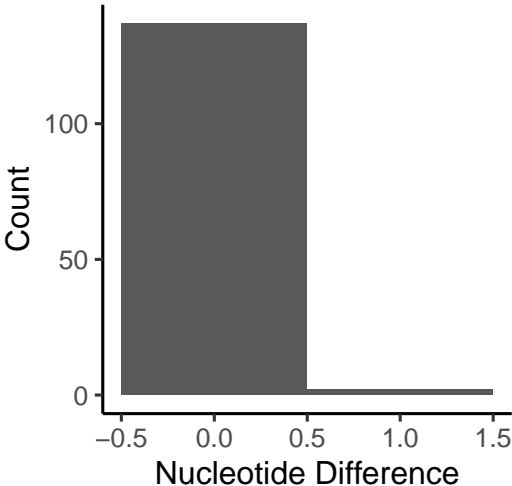
TRBV7-8\*ap03

575 sequences assigned  
431 (75%) exact matches, in which:  
431 unique CDR3  
13 unique J



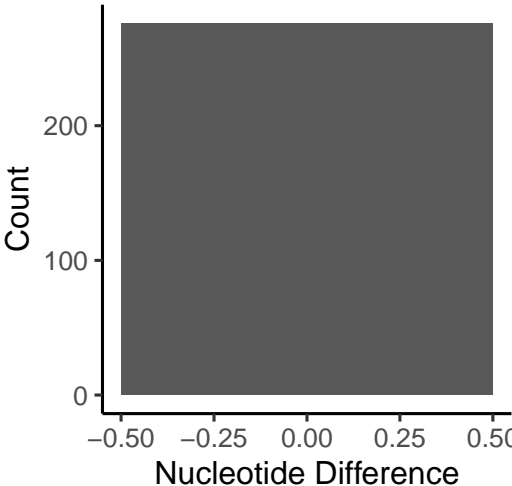
TRBV7-4\*ap01

139 sequences assigned  
137 (98.6%) exact matches, in which:  
137 unique CDR3  
12 unique J



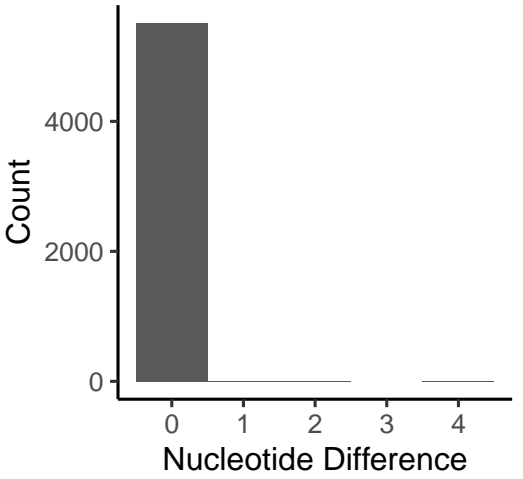
TRBV7-7\*ap01\_C315T

276 sequences assigned  
276 (100%) exact matches, in which:  
275 unique CDR3  
13 unique J



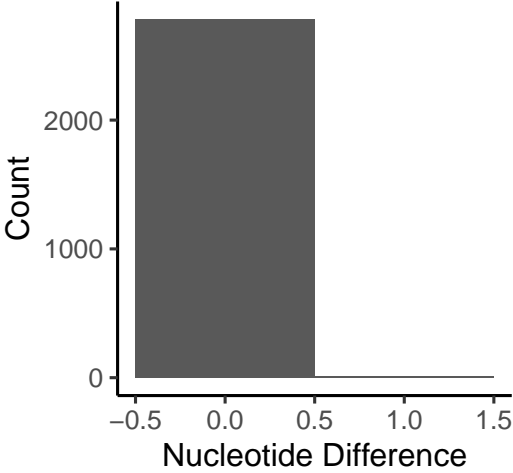
TRBV7-9\*ap01

5522 sequences assigned  
5513 (99.8%) exact matches, in which:  
5507 unique CDR3  
13 unique J



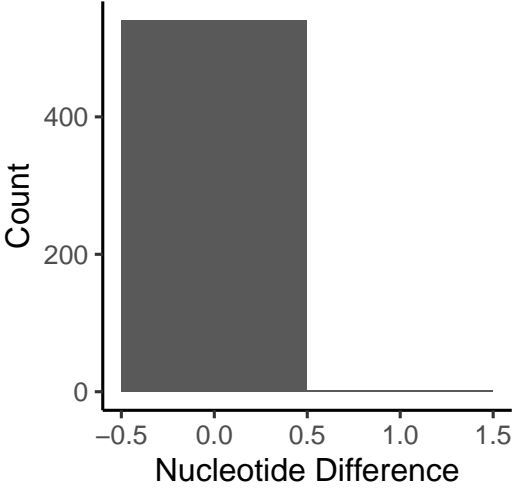
# TRBV29-1\*ap01

2790 sequences assigned  
2782 (99.7%) exact matches, in which:  
2778 unique CDR3  
13 unique J

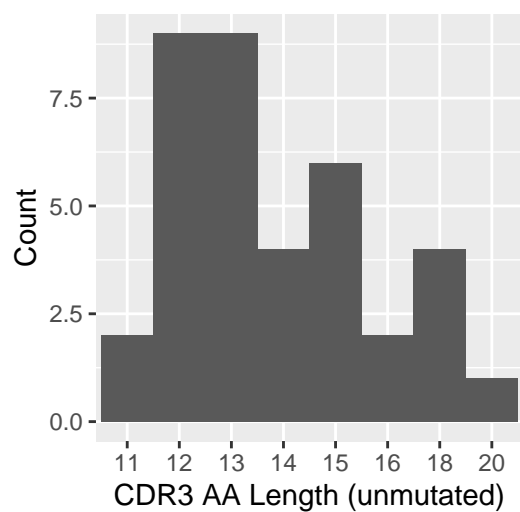


# TRBV29-1\*ap02

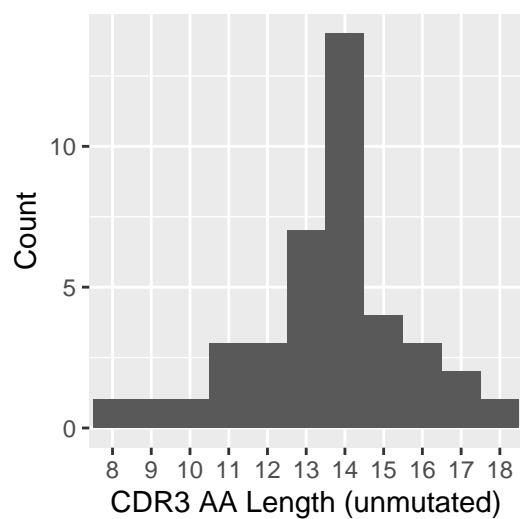
543 sequences assigned  
541 (99.6%) exact matches, in which:  
540 unique CDR3  
13 unique J



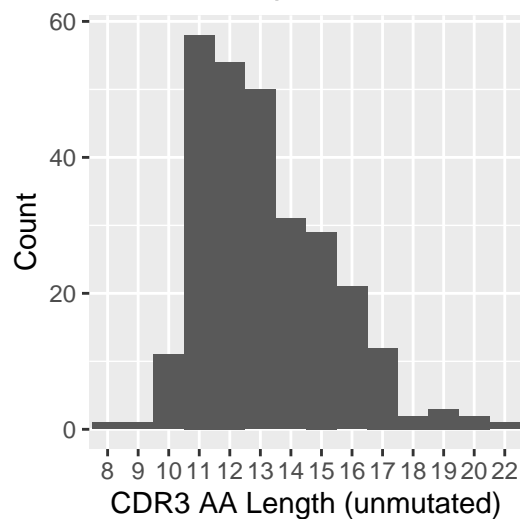
TRBV7-1\*ap01\_G291C\_T296C\_C314T

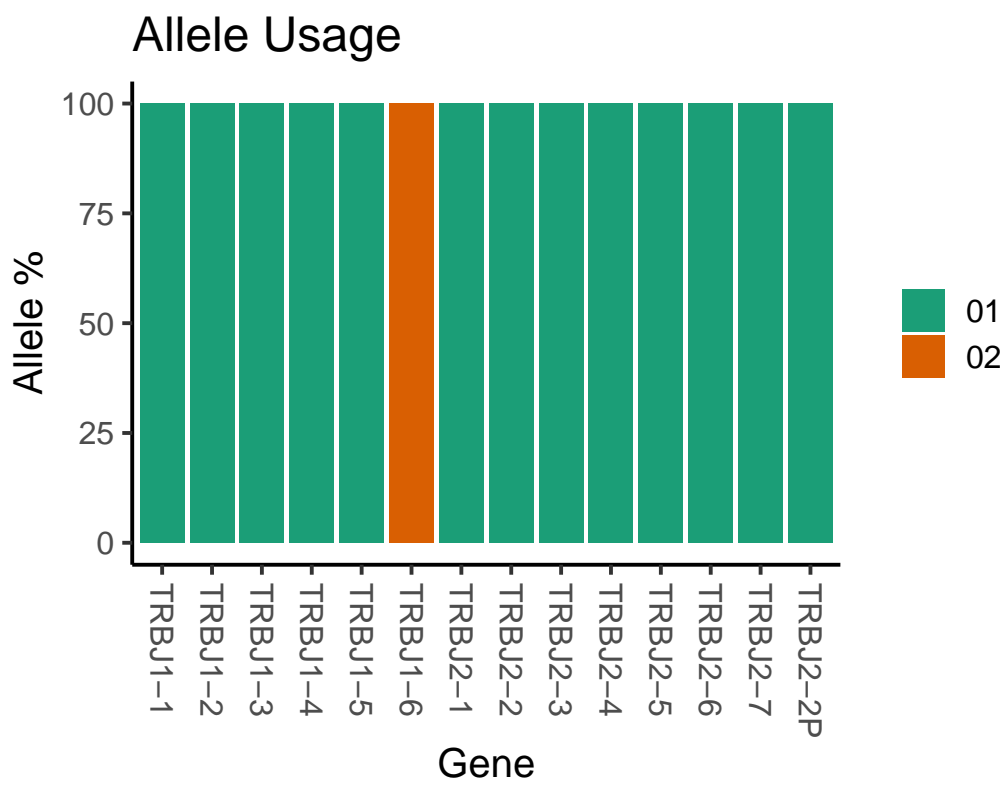


TRBV7-1\*ap01\_G291C\_T296C



TRBV7-7\*ap01\_C315T





Warning – no inferred sequences found.

Warning – no inferred sequences found.