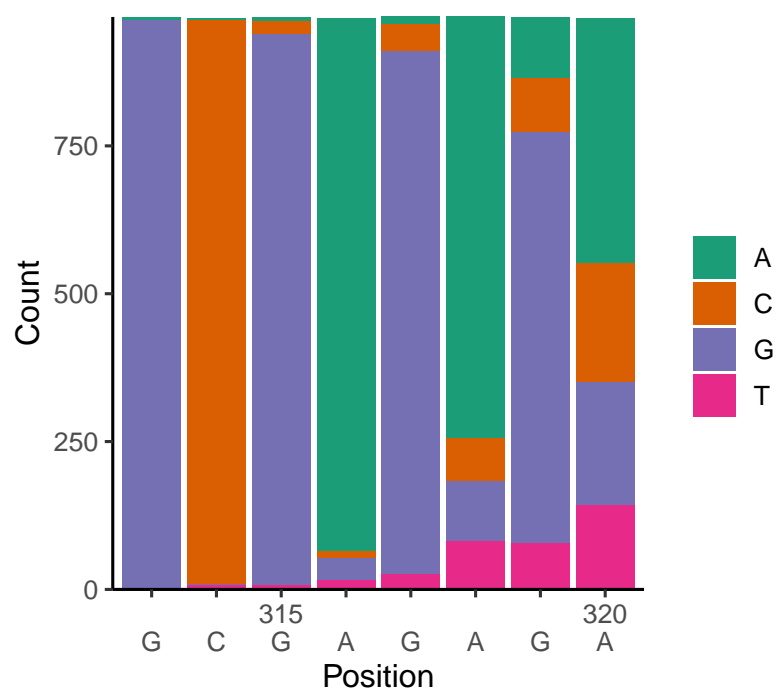


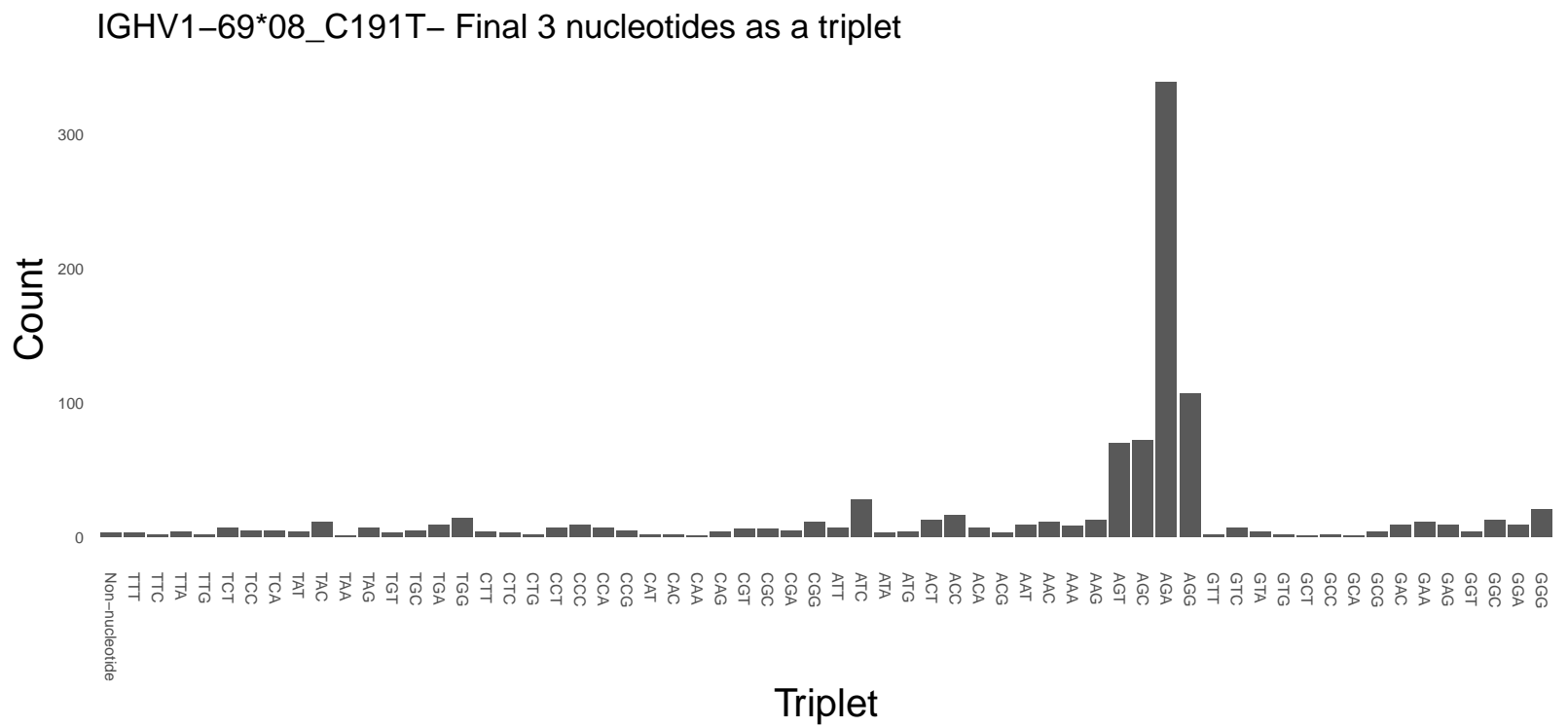
Gene IGHV1-69*08_C191T



Gene IGHV1-69*08_C191T

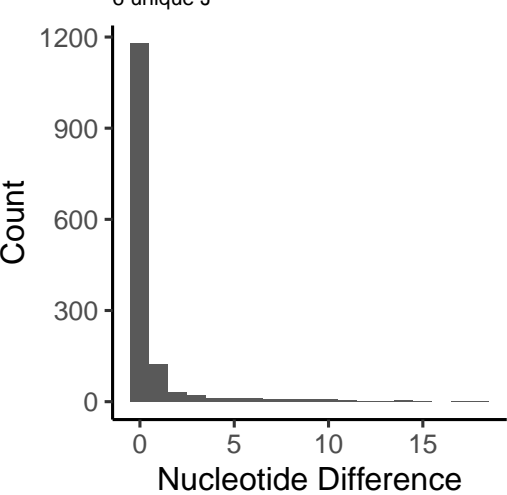


IGHV1-69*08_C191T- Final 3 nucleotides as a triplet



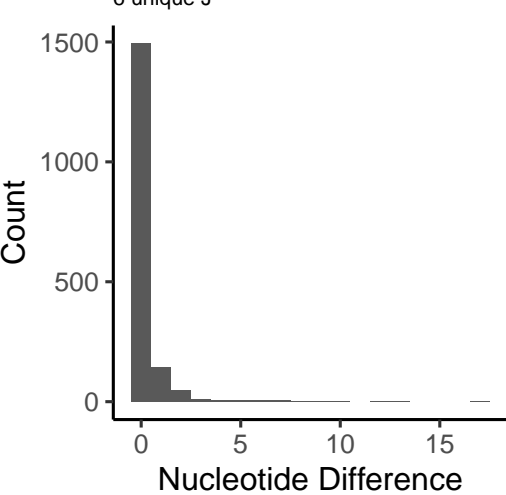
IGHV1-2*02

1439 sequences assigned
1179 (81.9%) exact matches, in which:
1091 unique CDR3
6 unique J



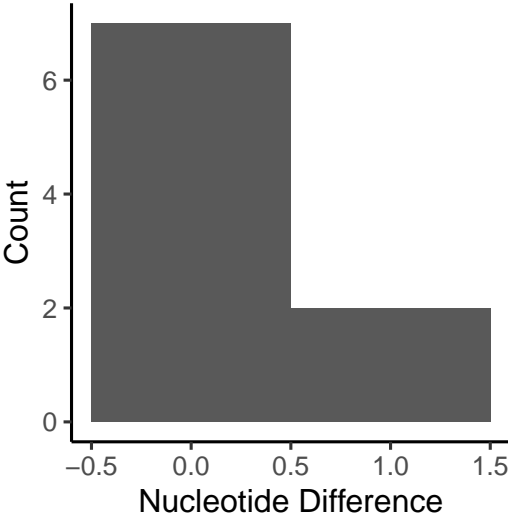
IGHV1-8*01

1739 sequences assigned
1494 (85.9%) exact matches, in which:
1378 unique CDR3
6 unique J



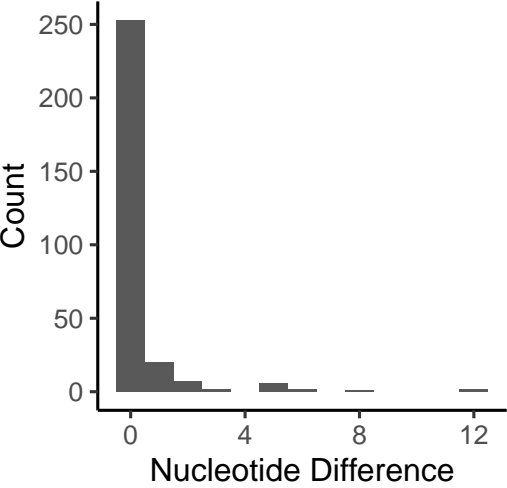
IGHV1-45*02

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



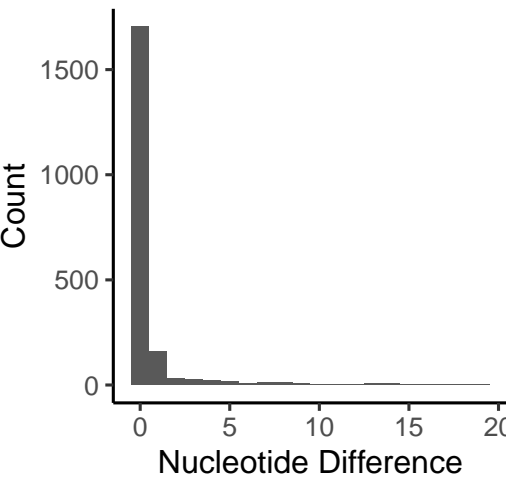
IGHV1-2*04

293 sequences assigned
253 (86.3%) exact matches, in which:
235 unique CDR3
6 unique J



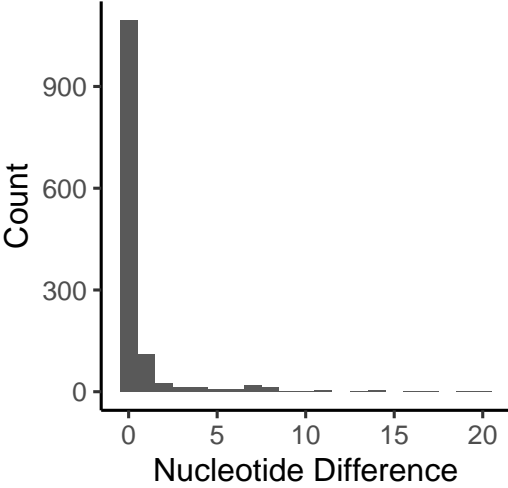
IGHV1-18*01

2023 sequences assigned
1704 (84.2%) exact matches, in which:
1597 unique CDR3
6 unique J



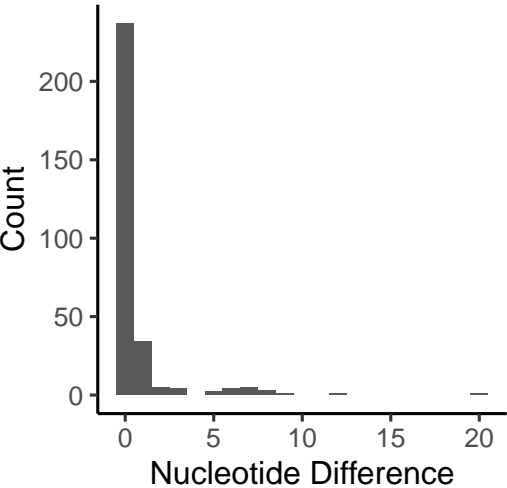
IGHV1-46*01

1326 sequences assigned
1096 (82.7%) exact matches, in which:
1033 unique CDR3
6 unique J



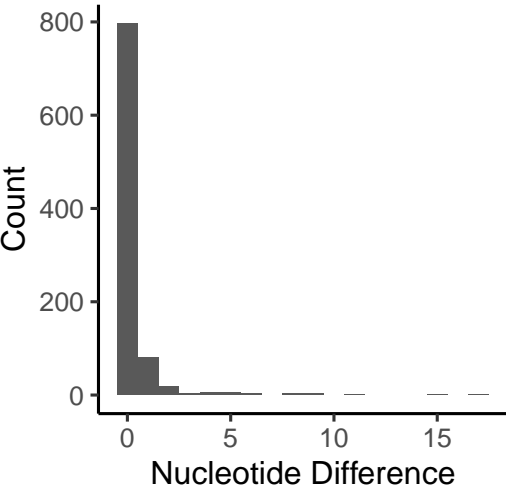
IGHV1-3*05

298 sequences assigned
237 (79.5%) exact matches, in which:
222 unique CDR3
6 unique J



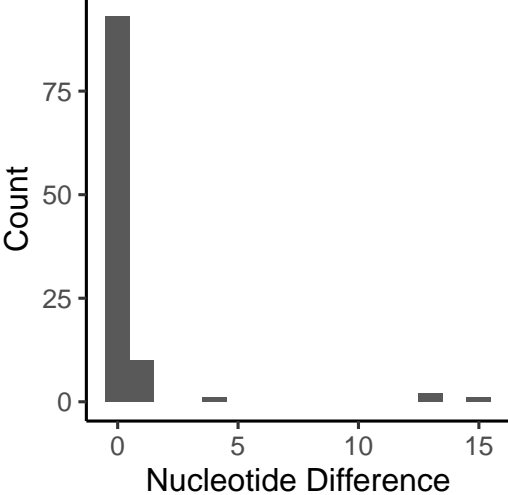
IGHV1-24*01

923 sequences assigned
797 (86.3%) exact matches, in which:
755 unique CDR3
6 unique J



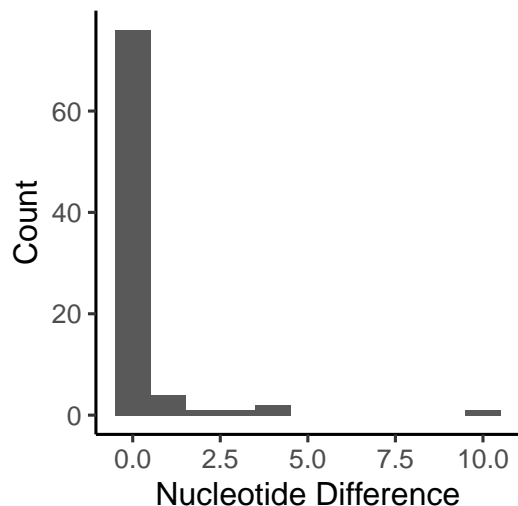
IGHV1-58*01

107 sequences assigned
93 (86.9%) exact matches, in which:
88 unique CDR3
6 unique J



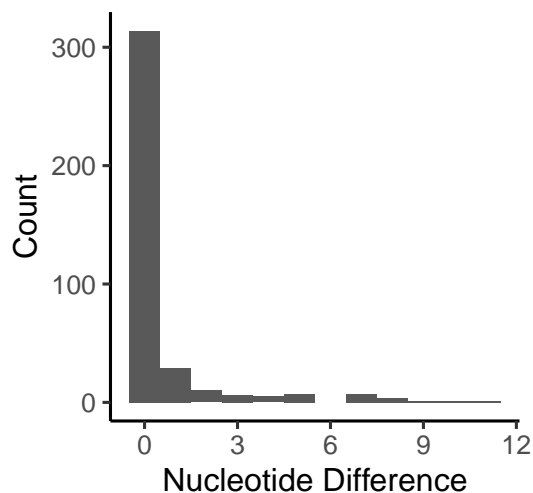
IGHV1-58*02

85 sequences assigned
76 (89.4%) exact matches, in which:
74 unique CDR3
6 unique J



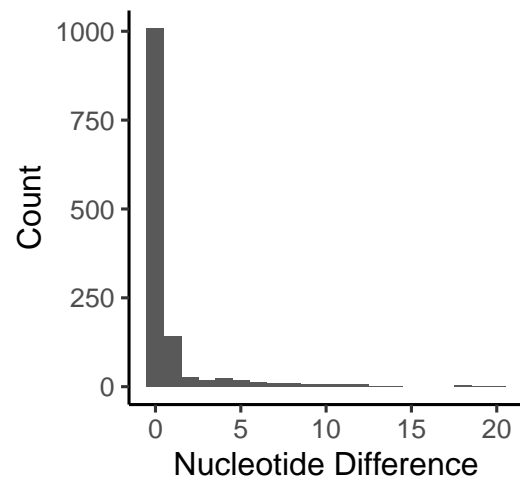
IGHV2-26*01

385 sequences assigned
314 (81.6%) exact matches, in which:
301 unique CDR3
5 unique J



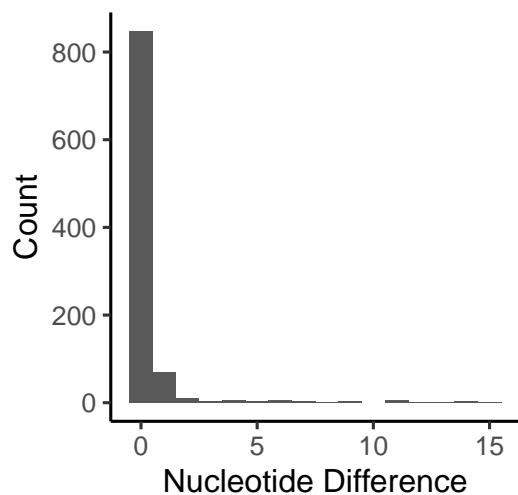
IGHV3-7*01

1310 sequences assigned
1008 (76.9%) exact matches, in which:
949 unique CDR3
6 unique J



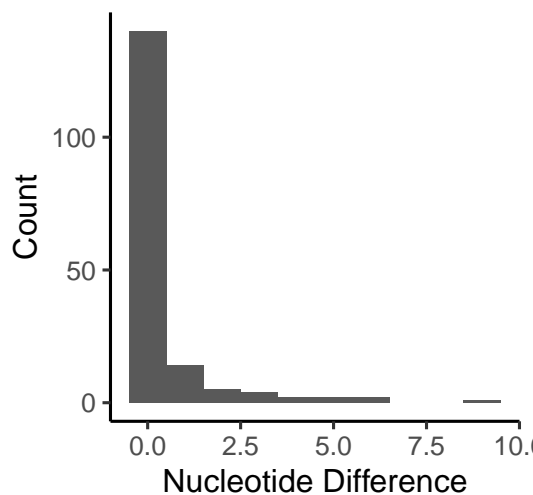
IGHV1-69*08_C191T

968 sequences assigned
848 (87.6%) exact matches, in which:
779 unique CDR3
6 unique J



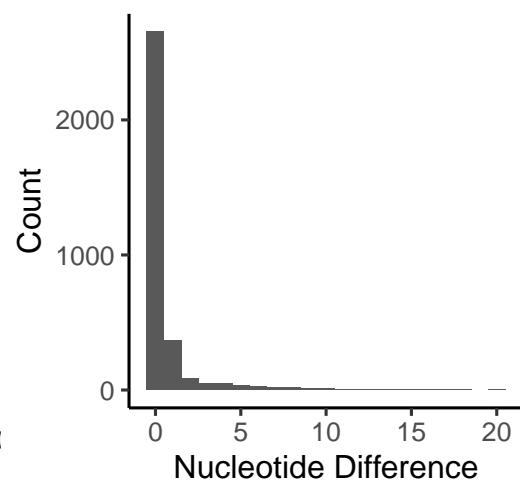
IGHV2-70*01

170 sequences assigned
140 (82.4%) exact matches, in which:
135 unique CDR3
5 unique J



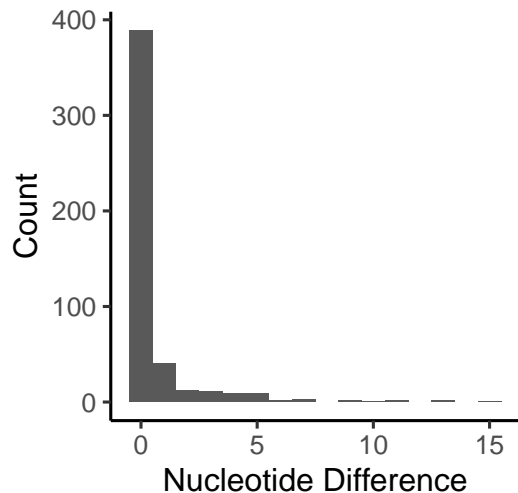
IGHV3-9*01

3335 sequences assigned
2653 (79.6%) exact matches, in which:
2417 unique CDR3
6 unique J



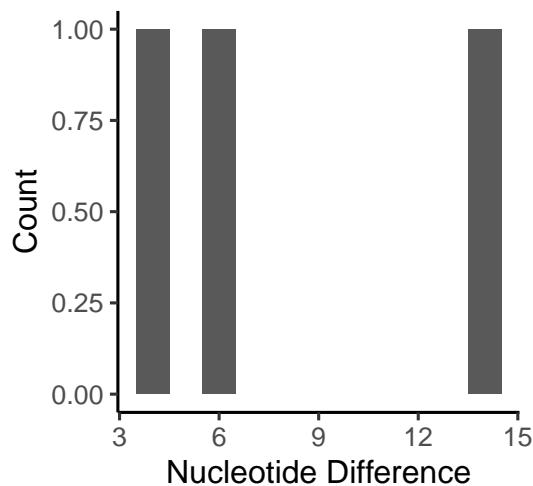
IGHV2-5*01

483 sequences assigned
389 (80.5%) exact matches, in which:
367 unique CDR3
6 unique J



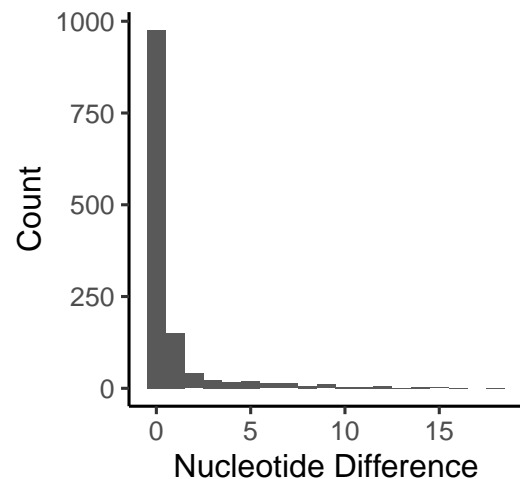
IGHV2-70D*04

3 sequences assigned
No exact matches.



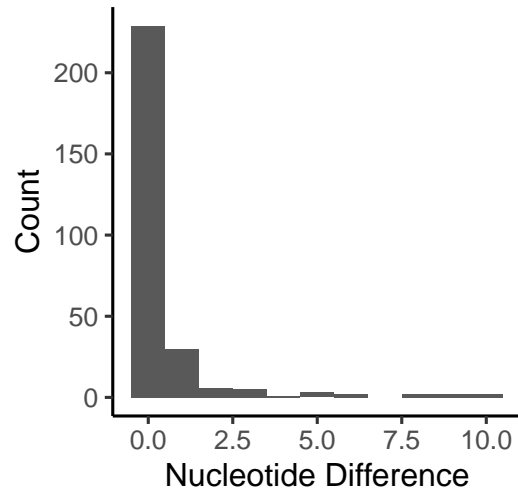
IGHV3-11*01

1290 sequences assigned
976 (75.7%) exact matches, in which:
920 unique CDR3
6 unique J



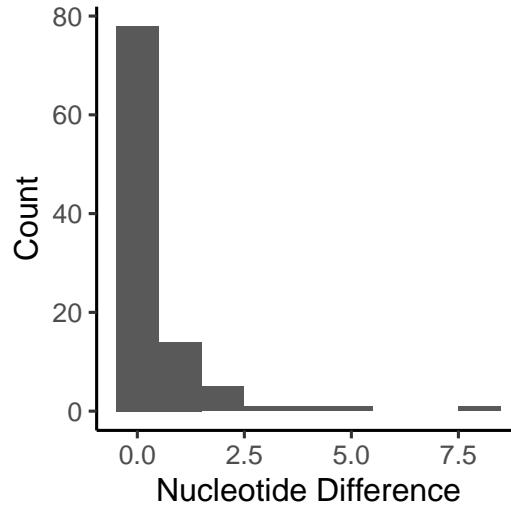
IGHV3-13*01

282 sequences assigned
229 (81.2%) exact matches, in which:
214 unique CDR3
5 unique J



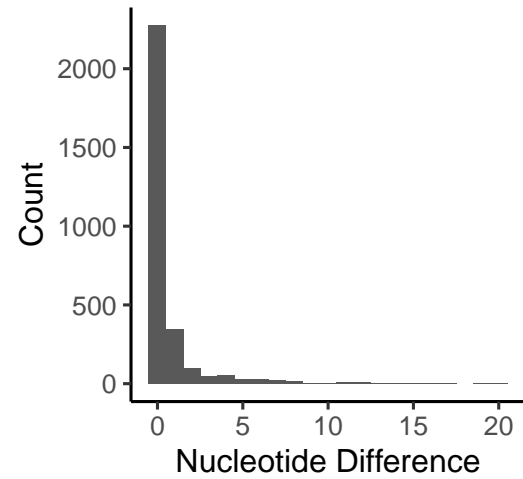
IGHV3-20*01

101 sequences assigned
78 (77.2%) exact matches, in which:
68 unique CDR3
6 unique J



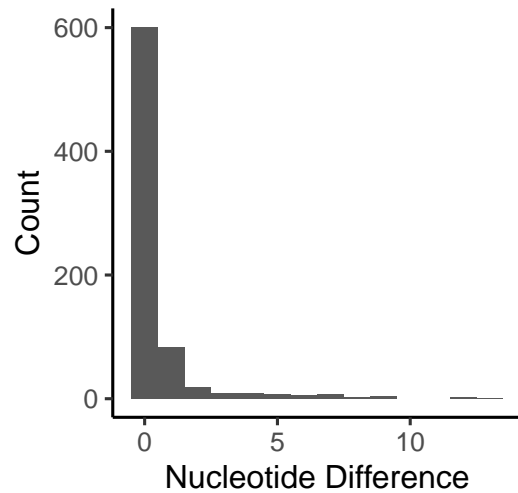
IGHV3-33*01

2958 sequences assigned
2275 (76.9%) exact matches, in which:
2091 unique CDR3
6 unique J



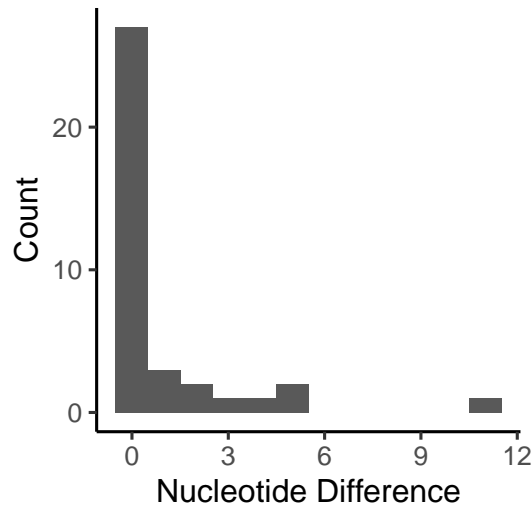
IGHV3-15*01

751 sequences assigned
601 (80%) exact matches, in which:
551 unique CDR3
6 unique J



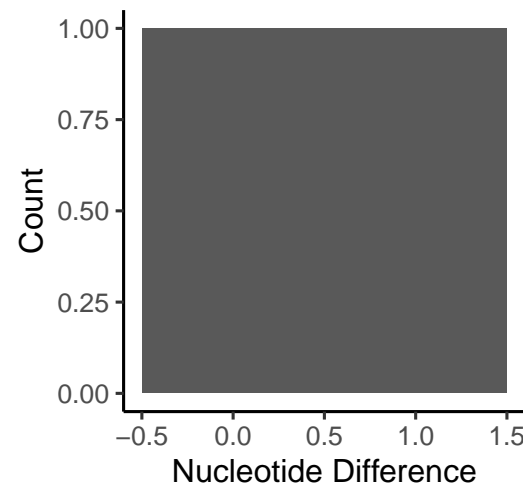
IGHV3-20*04

38 sequences assigned
27 (71.1%) exact matches, in which:
25 unique CDR3
5 unique J



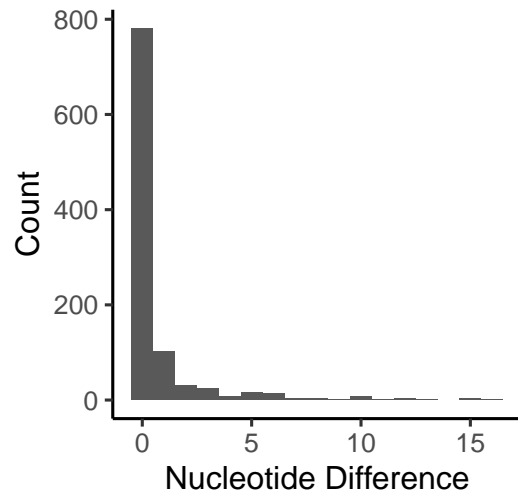
IGHV3-35*01

2 sequences assigned
1 (50%) exact matches, in which:
1 unique CDR3
1 unique J



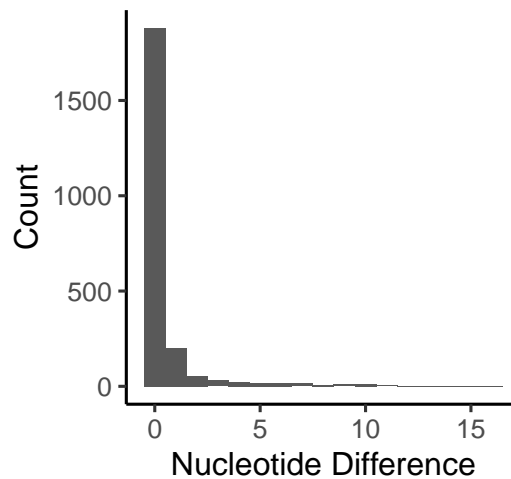
IGHV3-15*07

1001 sequences assigned
781 (78%) exact matches, in which:
744 unique CDR3
6 unique J



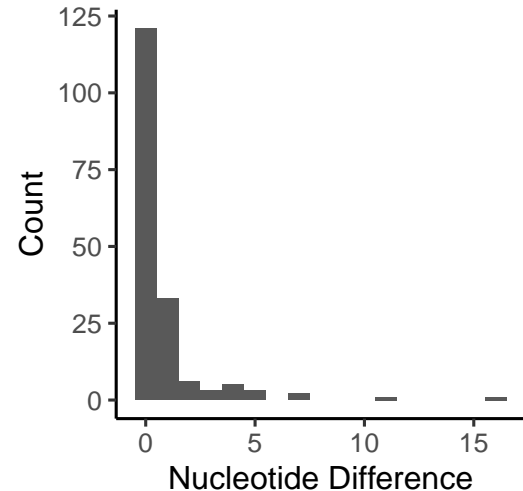
IGHV3-21*01

2276 sequences assigned
1880 (82.6%) exact matches, in which:
1719 unique CDR3
6 unique J



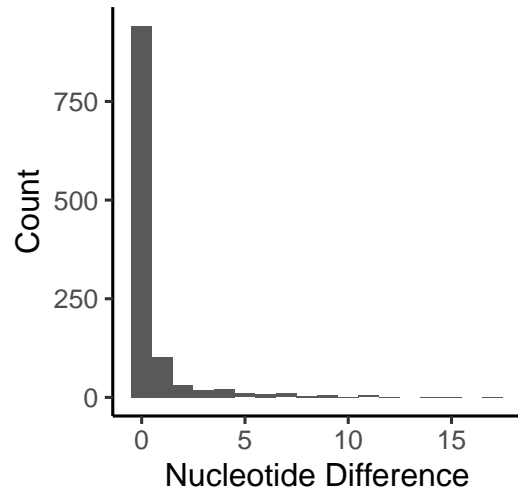
IGHV3-43*01

175 sequences assigned
121 (69.1%) exact matches, in which:
111 unique CDR3
6 unique J



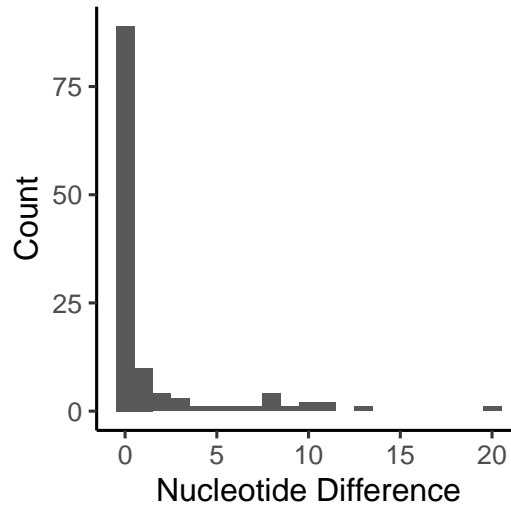
IGHV3-48*02

1165 sequences assigned
942 (80.9%) exact matches, in which:
882 unique CDR3
6 unique J



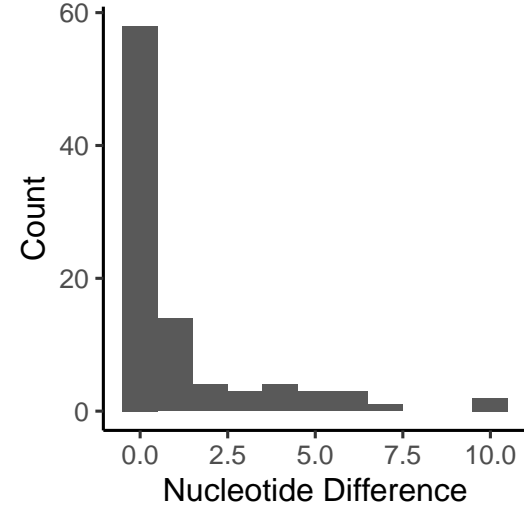
IGHV3-64*01

121 sequences assigned
89 (73.6%) exact matches, in which:
83 unique CDR3
6 unique J



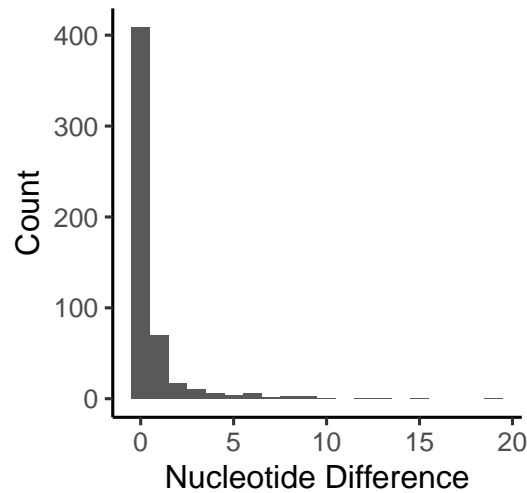
IGHV3-72*01

92 sequences assigned
58 (63%) exact matches, in which:
55 unique CDR3
5 unique J



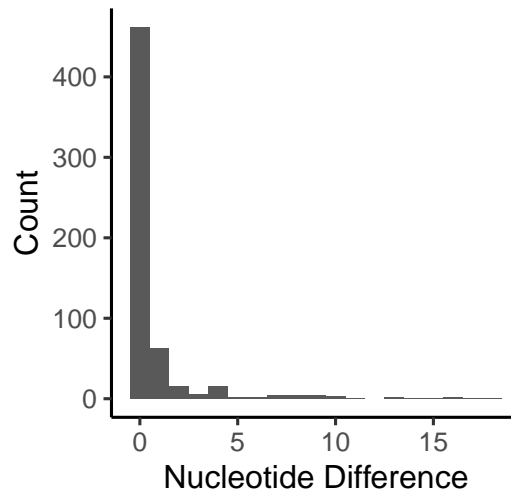
IGHV3-49*05

536 sequences assigned
409 (76.3%) exact matches, in which:
381 unique CDR3
6 unique J



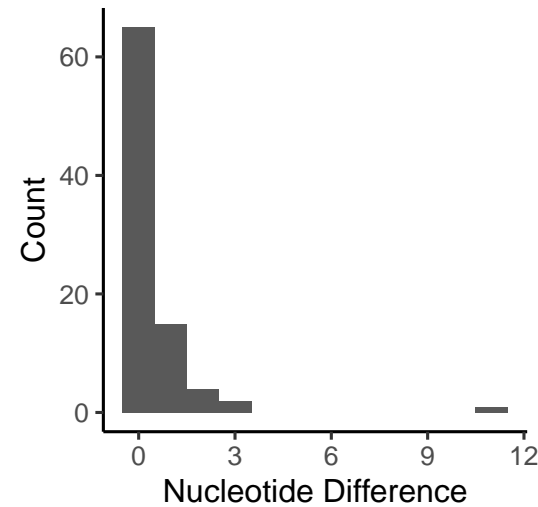
IGHV3-66*02

590 sequences assigned
462 (78.3%) exact matches, in which:
425 unique CDR3
6 unique J



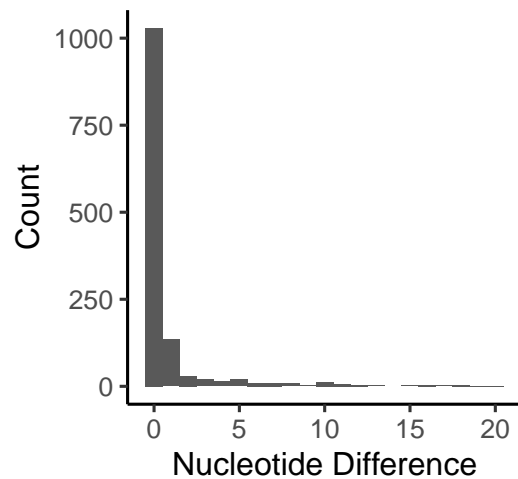
IGHV3-73*01

87 sequences assigned
65 (74.7%) exact matches, in which:
61 unique CDR3
5 unique J



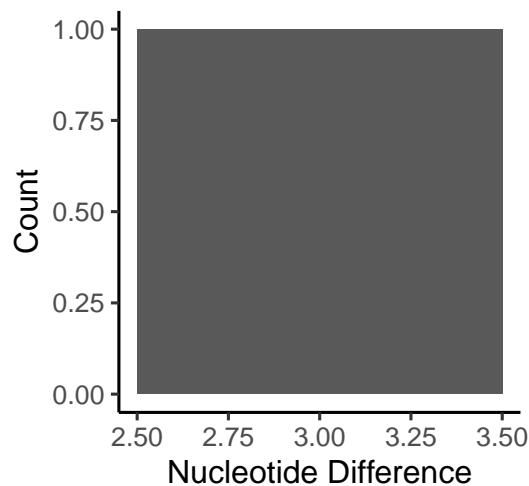
IGHV3-53*01

1314 sequences assigned
1029 (78.3%) exact matches, in which:
941 unique CDR3
6 unique J



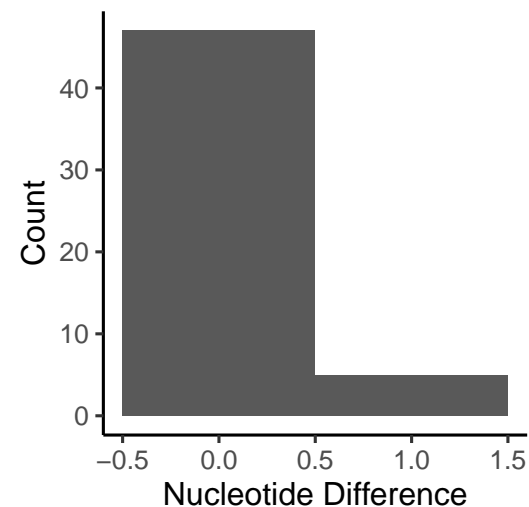
IGHV3-69-1*01

1 sequences assigned
No exact matches.



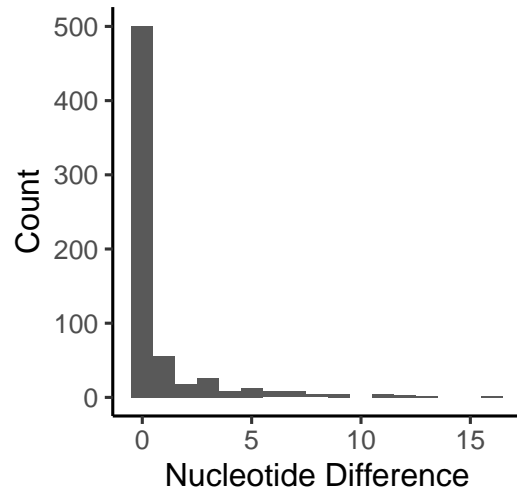
IGHV3-73*02

52 sequences assigned
47 (90.4%) exact matches, in which:
45 unique CDR3
4 unique J



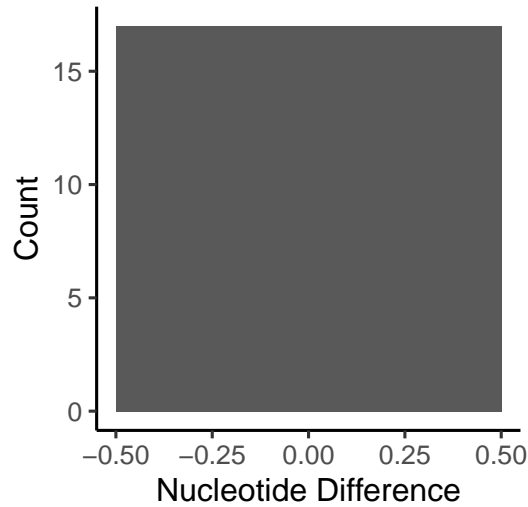
IGHV3–74*01

660 sequences assigned
501 (75.9%) exact matches, in which:
479 unique CDR3
6 unique J



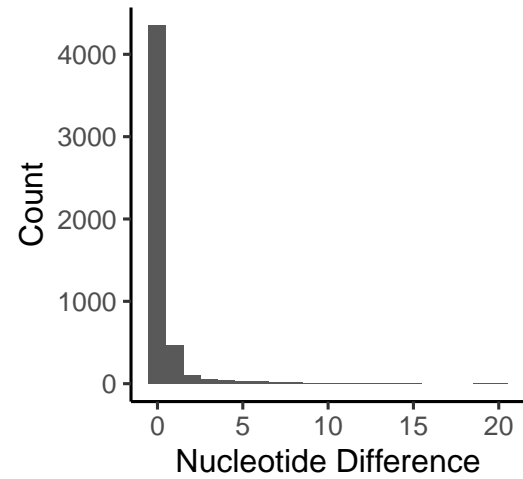
IGHV4–28*01

17 sequences assigned
17 (100%) exact matches, in which:
16 unique CDR3
6 unique J



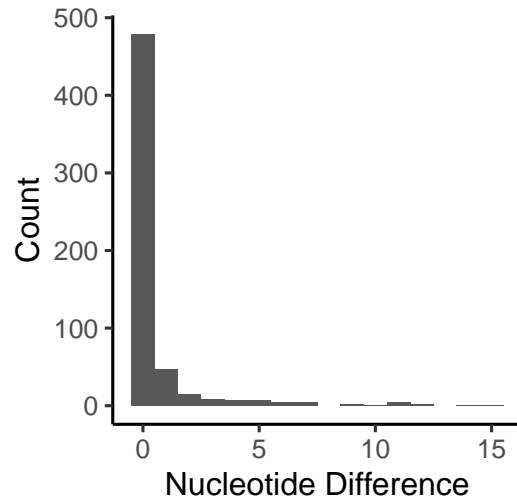
IGHV4–34*01

5144 sequences assigned
4351 (84.6%) exact matches, in which:
3954 unique CDR3
6 unique J



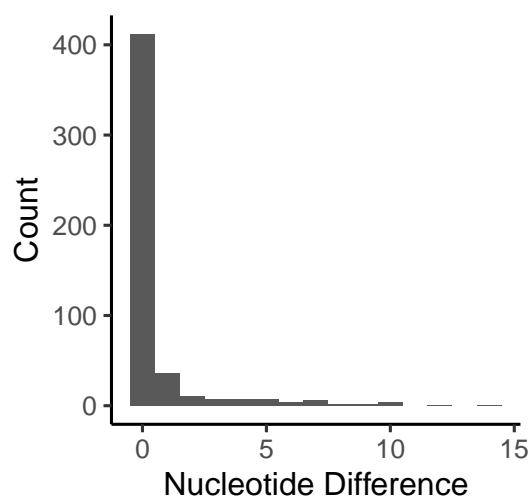
IGHV4–4*02

584 sequences assigned
479 (82%) exact matches, in which:
454 unique CDR3
6 unique J



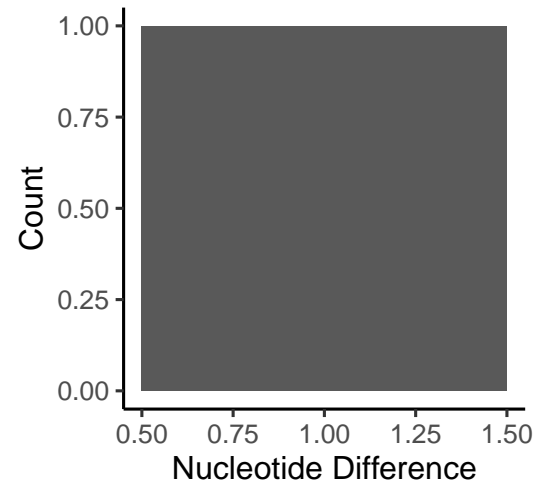
IGHV4–30–2*01

500 sequences assigned
412 (82.4%) exact matches, in which:
391 unique CDR3
6 unique J



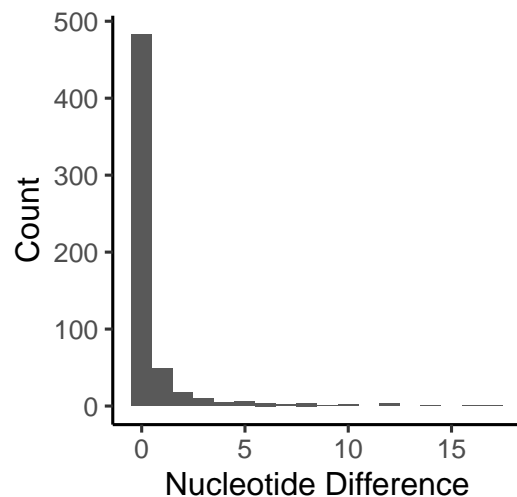
IGHV4–38–2*02

1 sequences assigned
No exact matches.



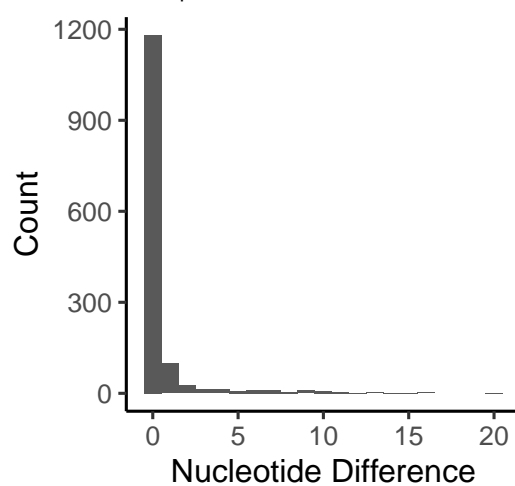
IGHV4–4*07

590 sequences assigned
483 (81.9%) exact matches, in which:
449 unique CDR3
6 unique J



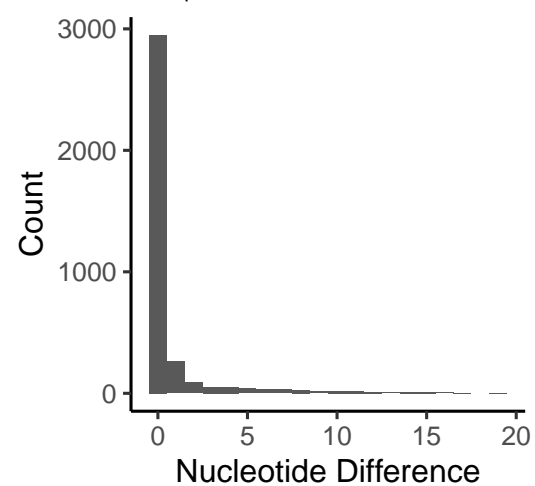
IGHV4–31*03

1398 sequences assigned
1181 (84.5%) exact matches, in which:
1120 unique CDR3
6 unique J



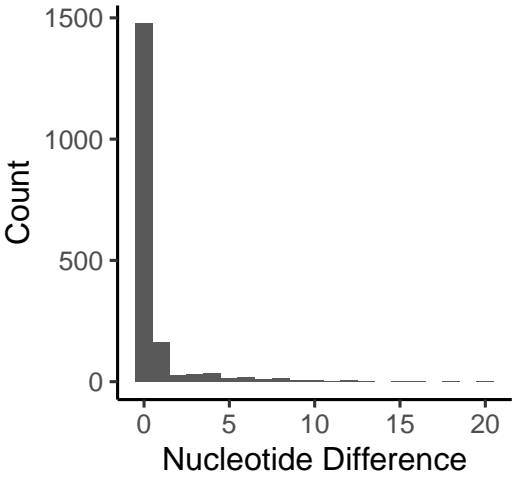
IGHV4–39*01

3648 sequences assigned
2949 (80.8%) exact matches, in which:
2659 unique CDR3
6 unique J



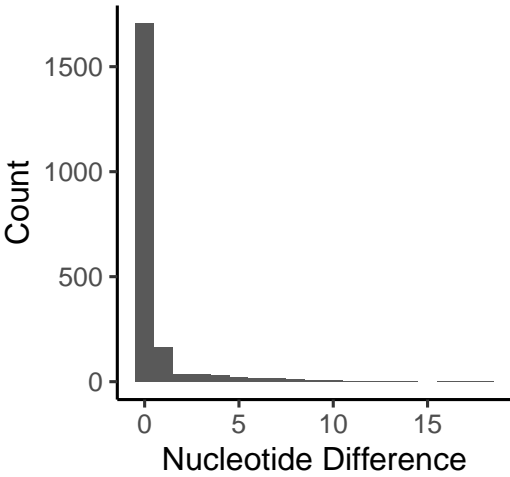
IGHV4–59*01

1817 sequences assigned
1477 (81.3%) exact matches, in which:
1408 unique CDR3
6 unique J



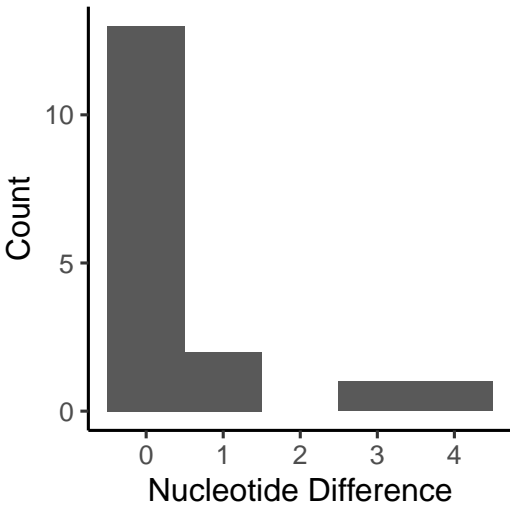
IGHV5–51*01

2075 sequences assigned
1706 (82.2%) exact matches, in which:
1583 unique CDR3
6 unique J



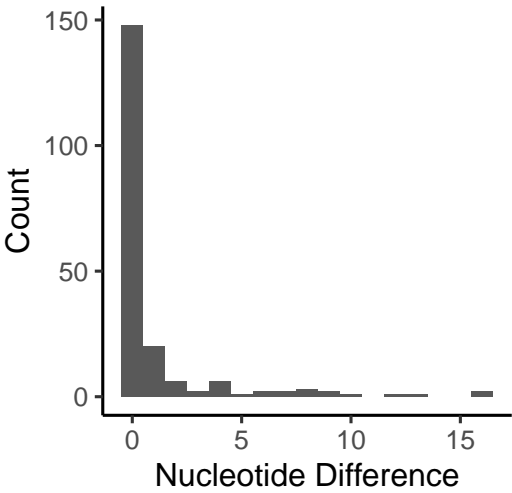
IGHV7–4–1*01

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



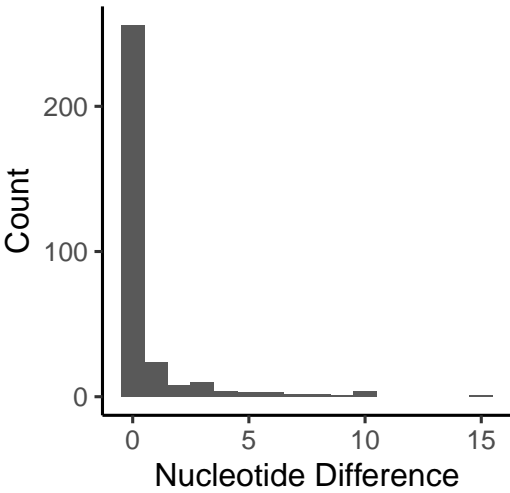
IGHV4–61*01

197 sequences assigned
148 (75.1%) exact matches, in which:
143 unique CDR3
5 unique J



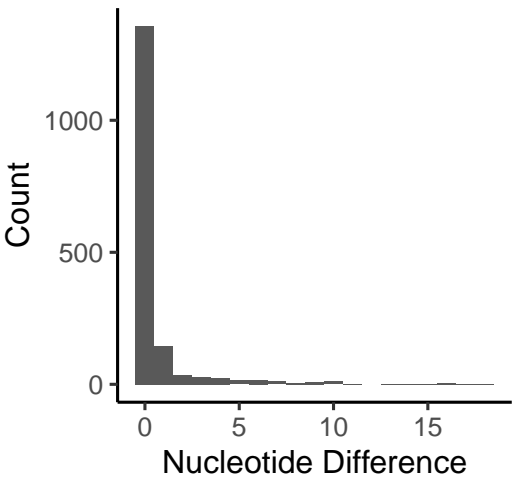
IGHV6–1*01

318 sequences assigned
256 (80.5%) exact matches, in which:
234 unique CDR3
6 unique J



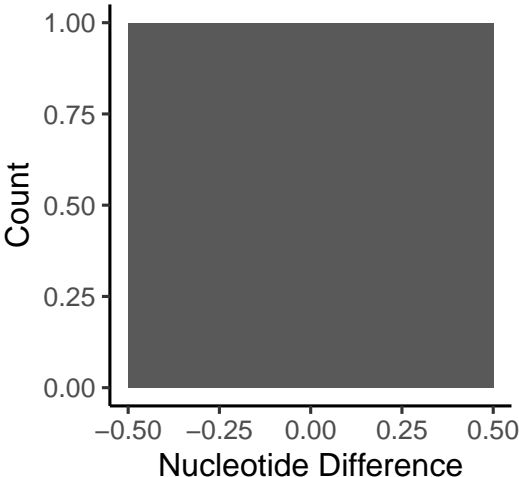
IGHV4–61*02

1671 sequences assigned
1357 (81.2%) exact matches, in which:
1294 unique CDR3
6 unique J

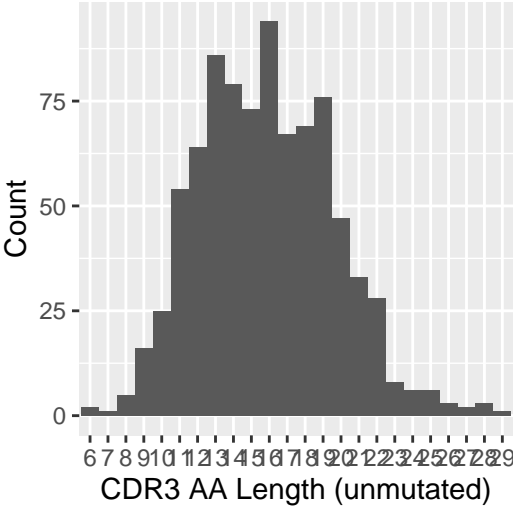


IGHV3/OR16–8*01

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



IGHV1-69*08_C191T





Warning – no inferred sequences found.

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