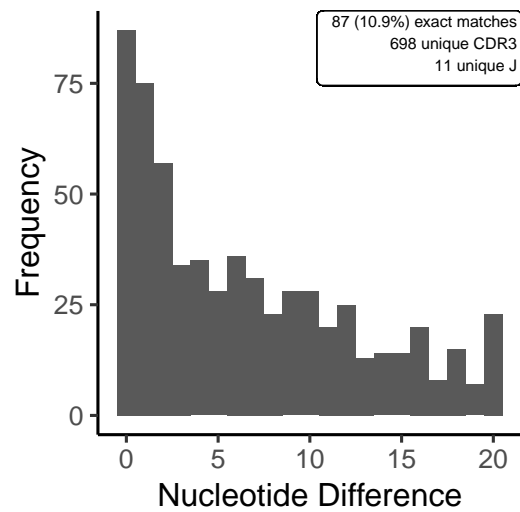


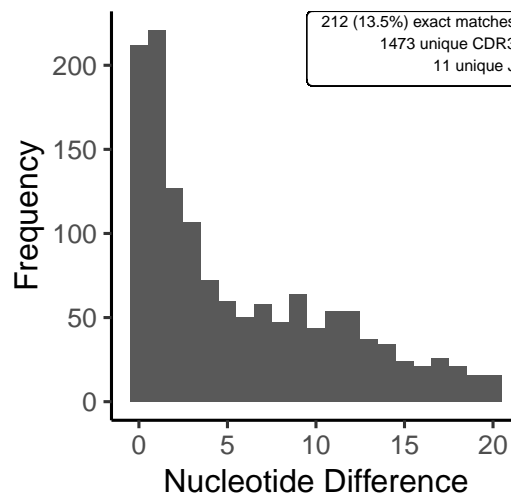
Gene IGHV1-2*02

798 sequences assigned



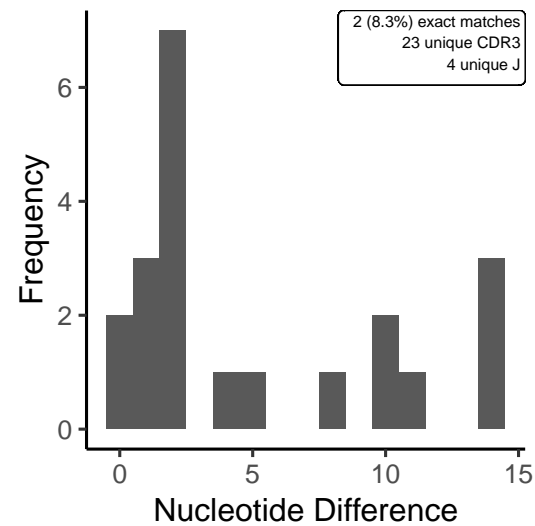
Gene IGHV1-18*01

1569 sequences assigned



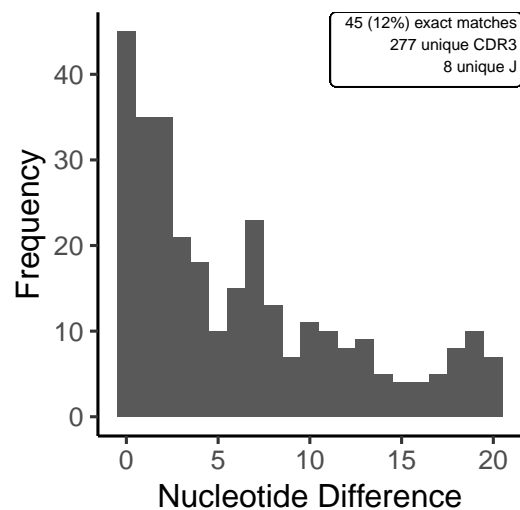
Gene IGHV1-58*01

24 sequences assigned



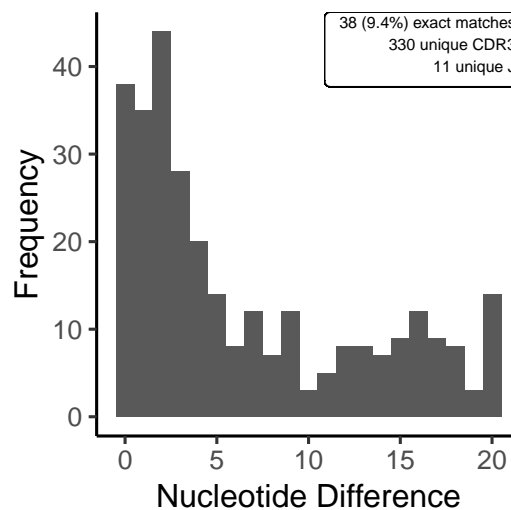
Gene IGHV1-3*01

375 sequences assigned



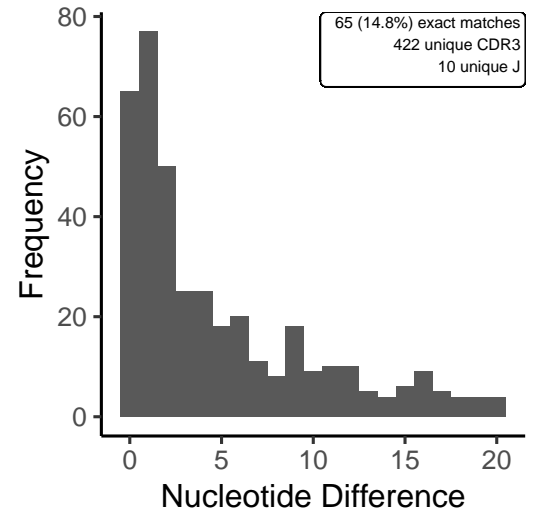
Gene IGHV1-24*01

403 sequences assigned



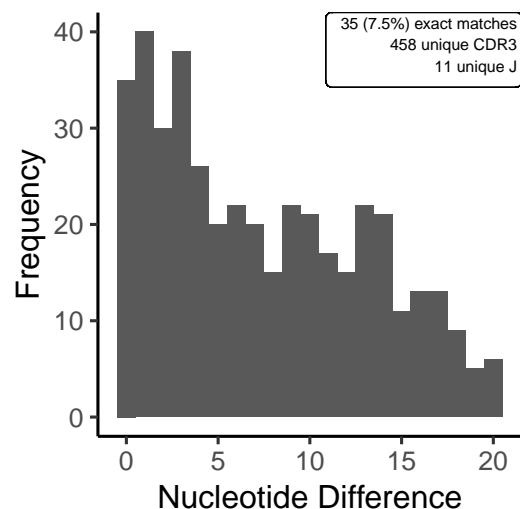
Gene IGHV1-69*04

439 sequences assigned



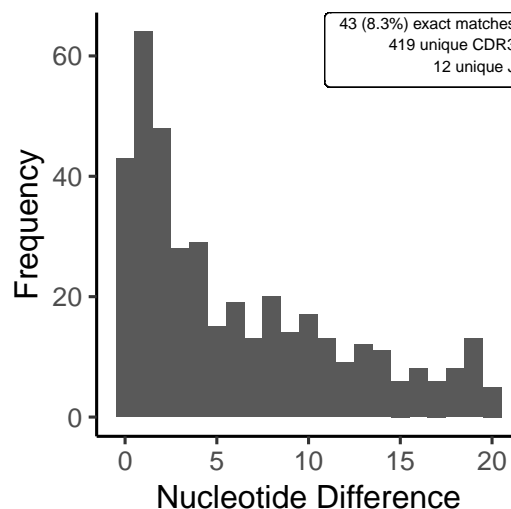
Gene IGHV1-8*01

469 sequences assigned



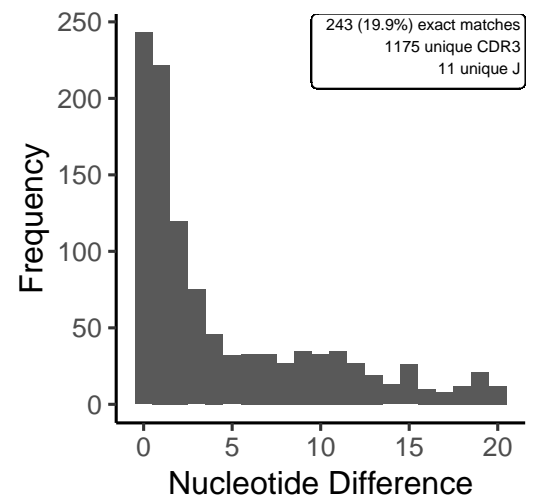
Gene IGHV1-46*01

520 sequences assigned



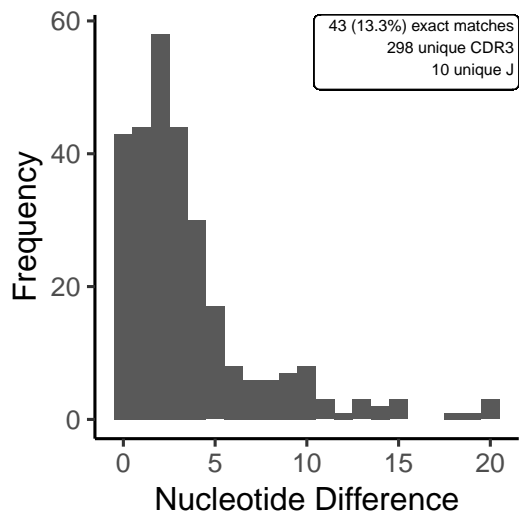
Gene IGHV1-69*06

1219 sequences assigned



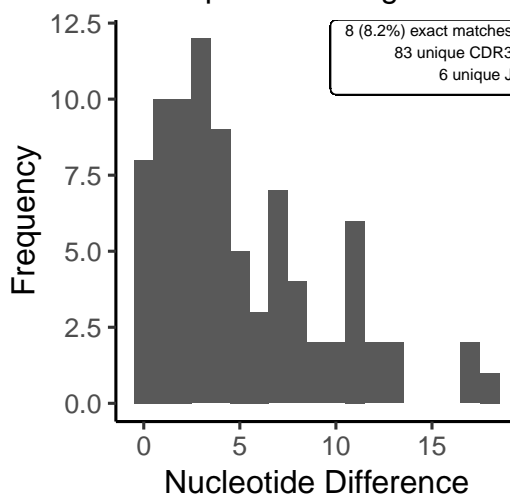
Gene IGHV2-5*02

324 sequences assigned



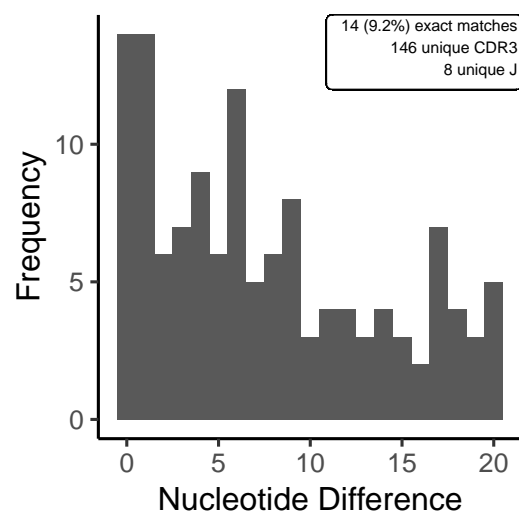
Gene IGHV2-70*01

97 sequences assigned



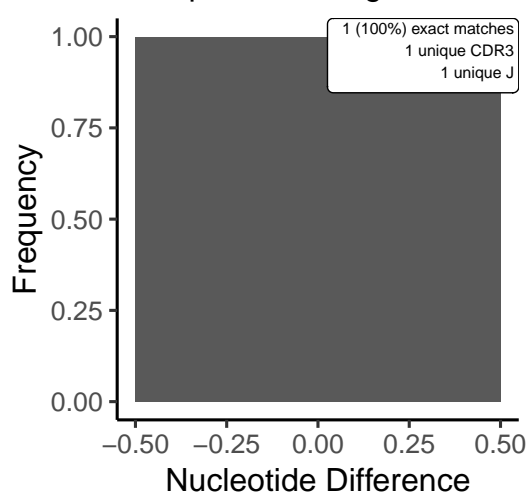
Gene IGHV3-11*01

153 sequences assigned



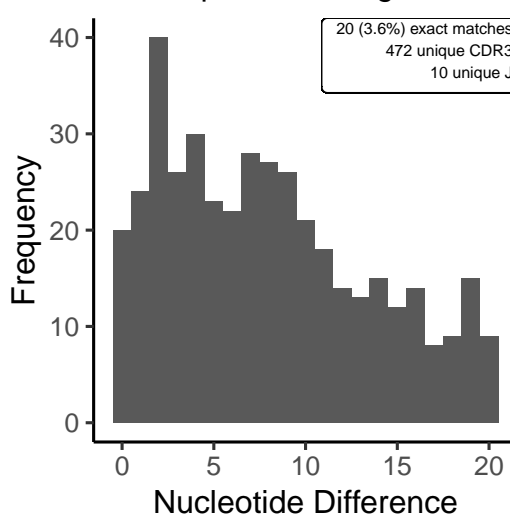
Gene IGHV2-10*01

1 sequences assigned



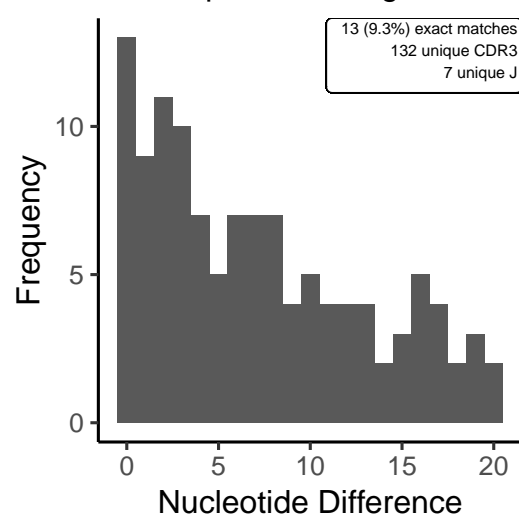
Gene IGHV3-7*01

556 sequences assigned



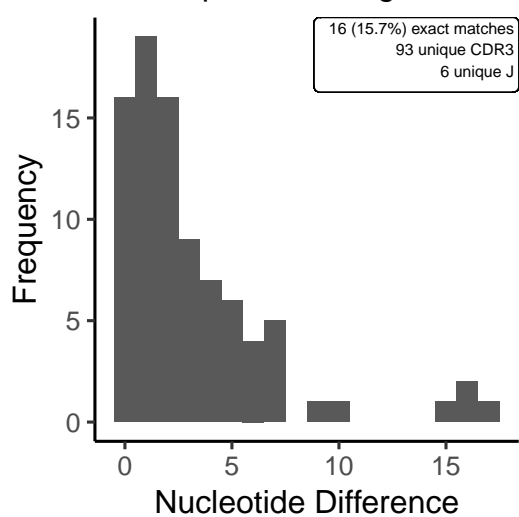
Gene IGHV3-11*05

140 sequences assigned



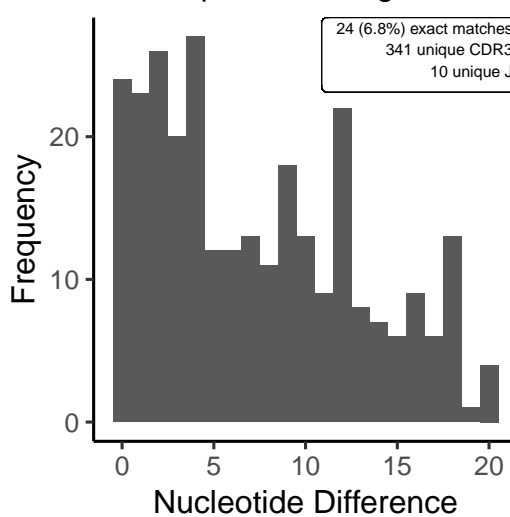
Gene IGHV2-26*01

102 sequences assigned



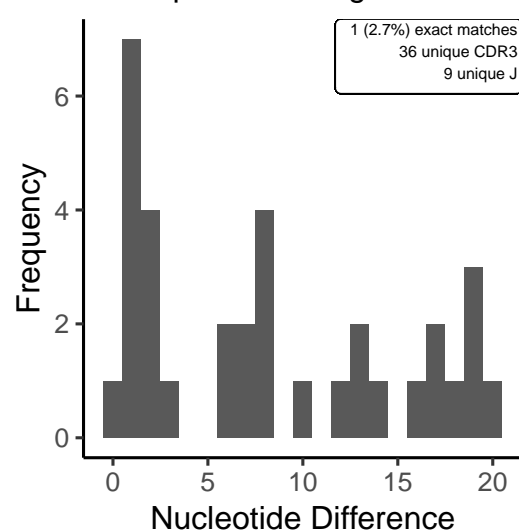
Gene IGHV3-9*01

352 sequences assigned



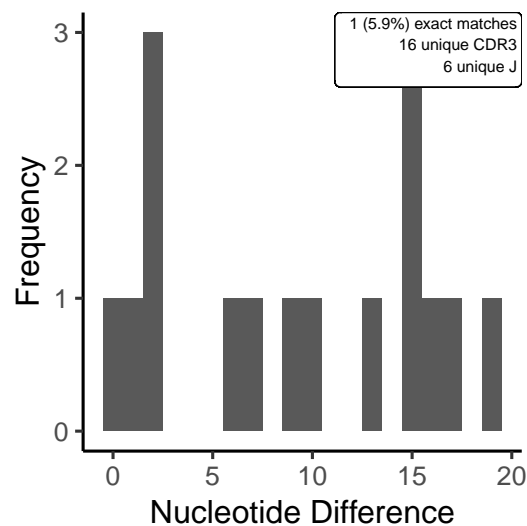
Gene IGHV3-13*01

37 sequences assigned



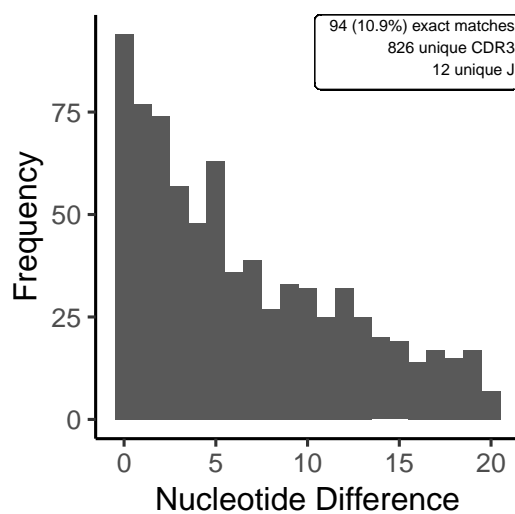
Gene IGHV3–13*04

17 sequences assigned



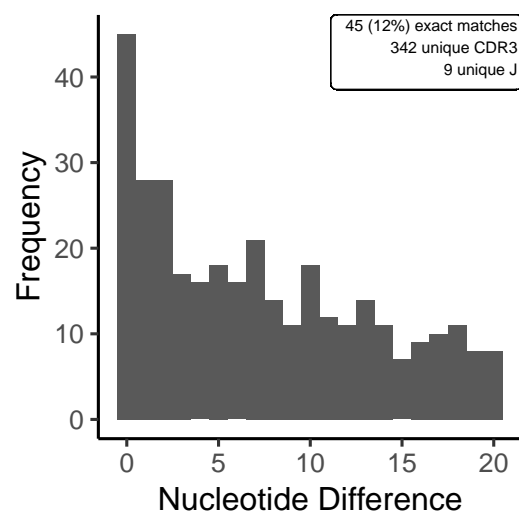
Gene IGHV3–21*01

861 sequences assigned



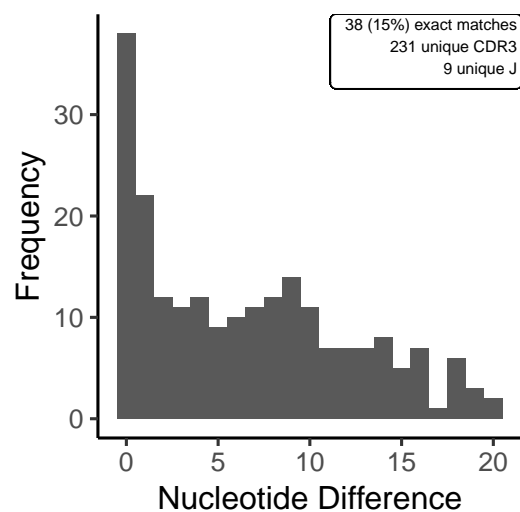
Gene IGHV3–30*04

376 sequences assigned



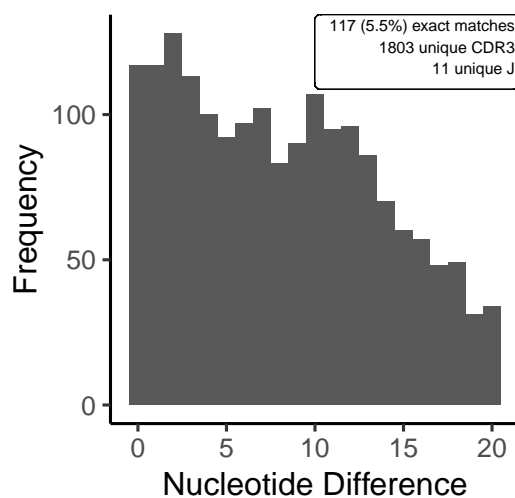
Gene IGHV3–15*01

254 sequences assigned



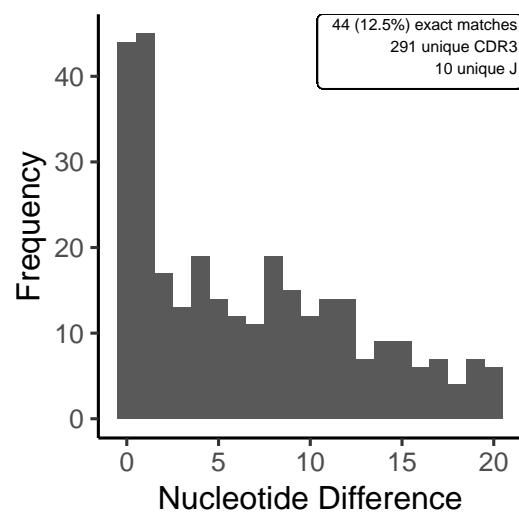
Gene IGHV3–23*01

2110 sequences assigned



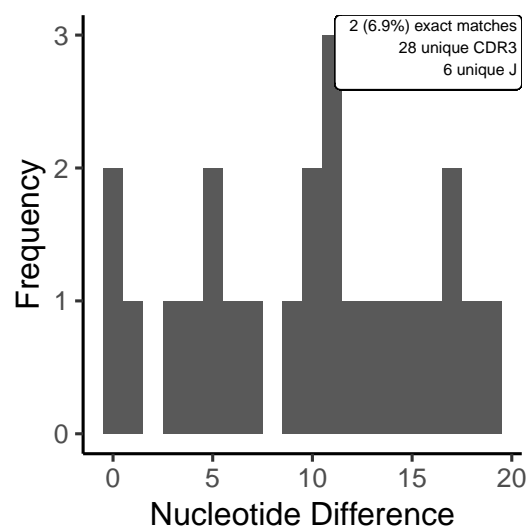
Gene IGHV3–30*18

353 sequences assigned



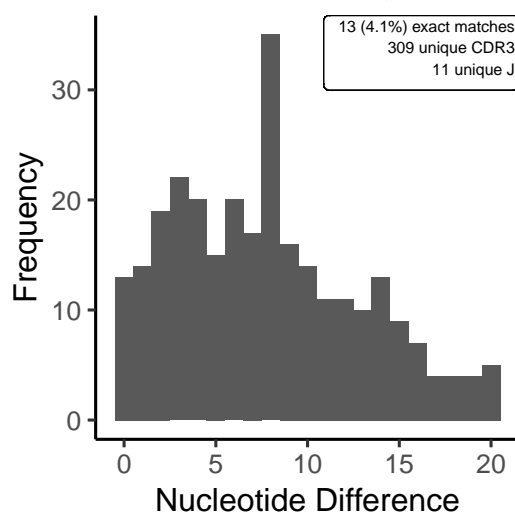
Gene IGHV3–20*01

29 sequences assigned



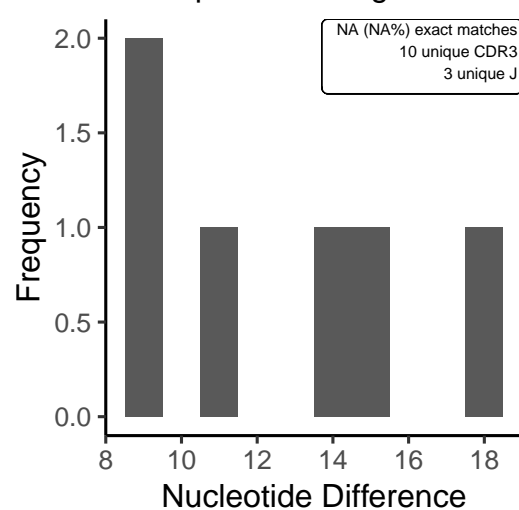
Gene IGHV3–30*03

316 sequences assigned



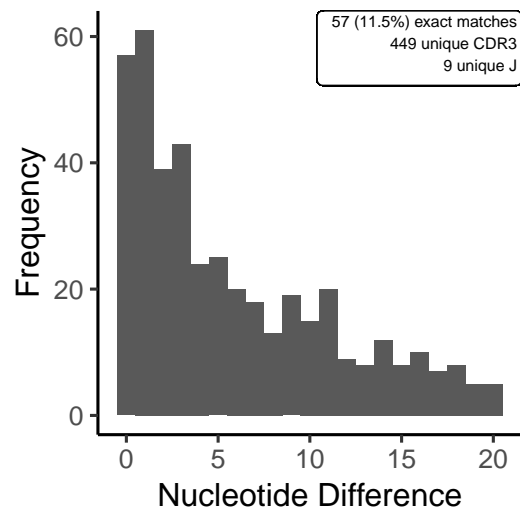
Gene IGHV3–30–3*03

10 sequences assigned



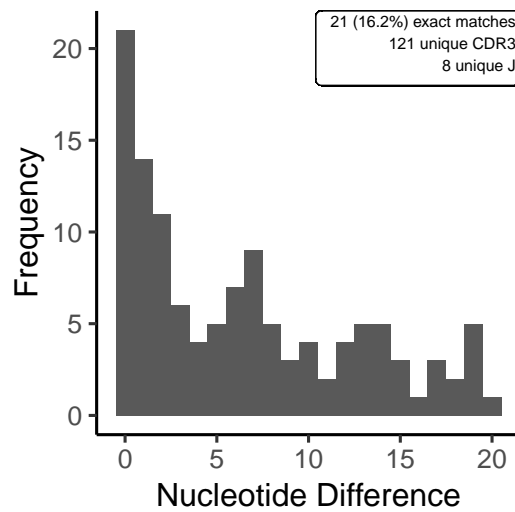
Gene IGHV3–33*01

497 sequences assigned



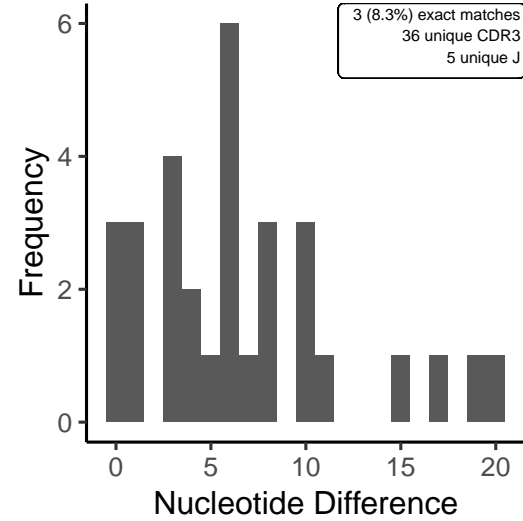
Gene IGHV3–48*02

130 sequences assigned



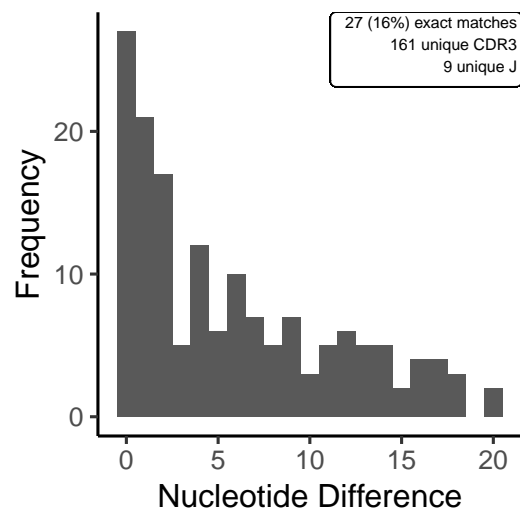
Gene IGHV3–49*05

36 sequences assigned



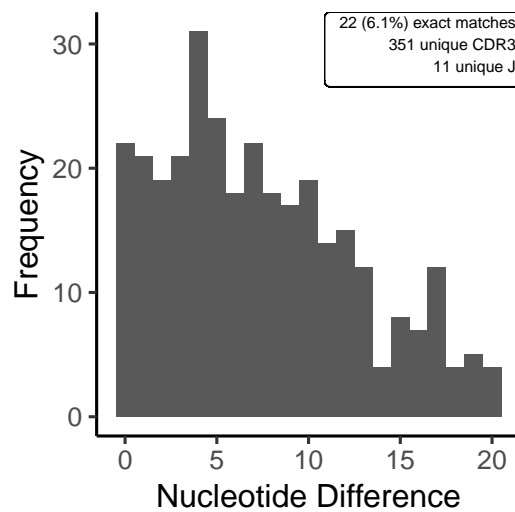
Gene IGHV3–33*06

169 sequences assigned



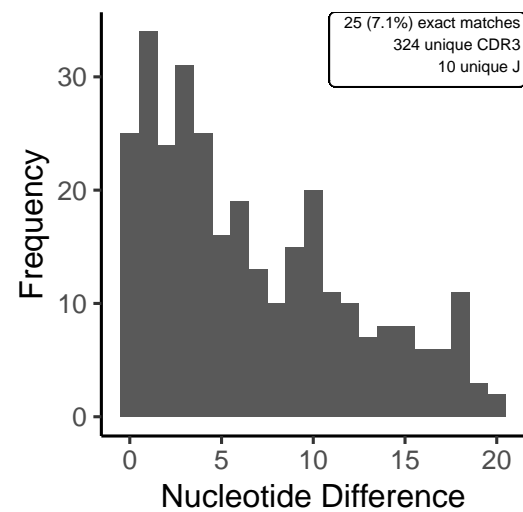
Gene IGHV3–48*04

358 sequences assigned



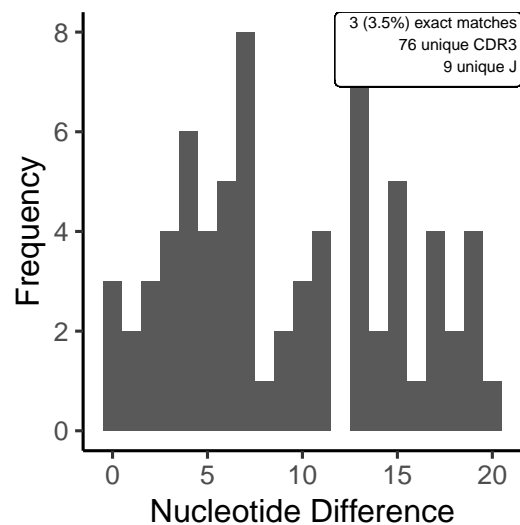
Gene IGHV3–53*01

352 sequences assigned



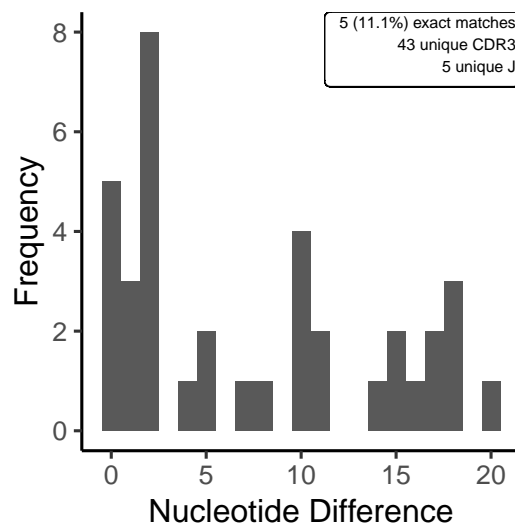
Gene IGHV3–43*01

86 sequences assigned



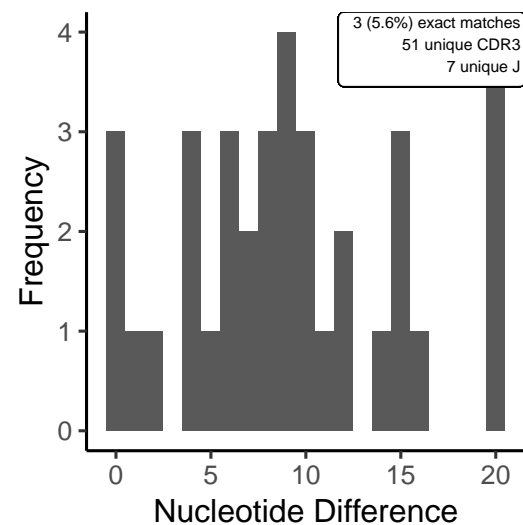
Gene IGHV3–49*03

45 sequences assigned



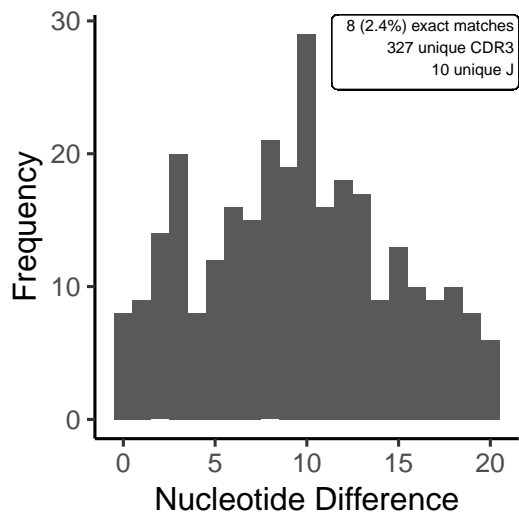
Gene IGHV3–64*01

54 sequences assigned



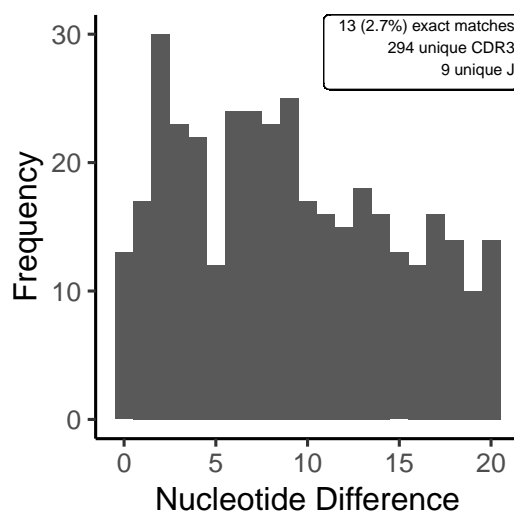
Gene IGHV3-66*01

338 sequences assigned



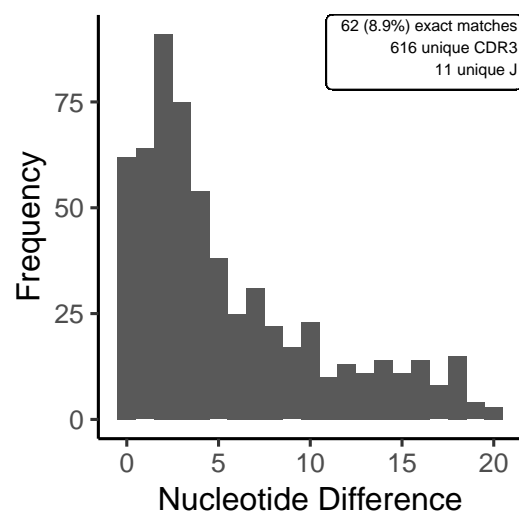
Gene IGHV3-74*01

482 sequences assigned



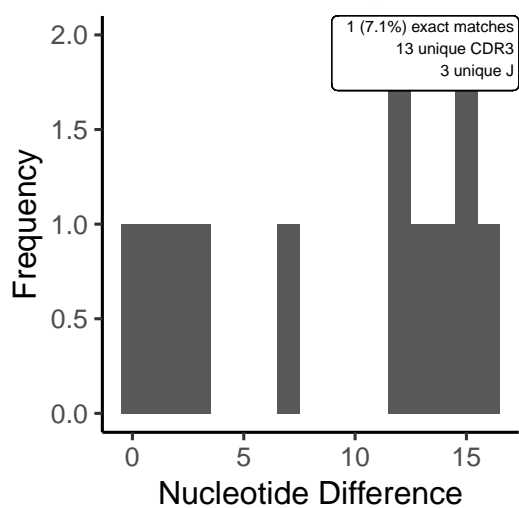
Gene IGHV4-31*03

694 sequences assigned



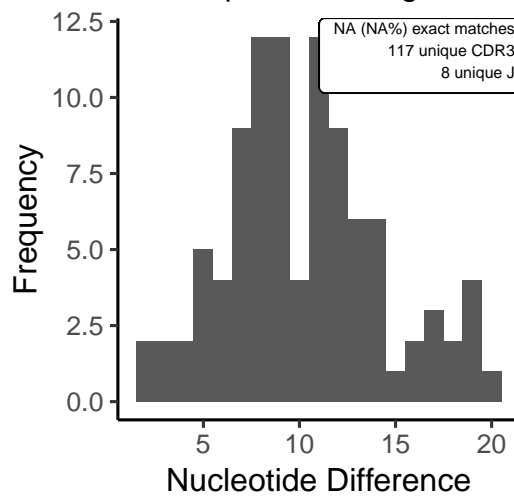
Gene IGHV3-72*01

14 sequences assigned



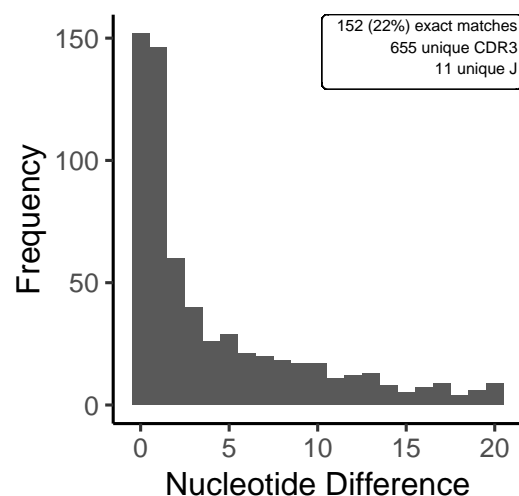
Gene IGHV3-NL1*01

118 sequences assigned



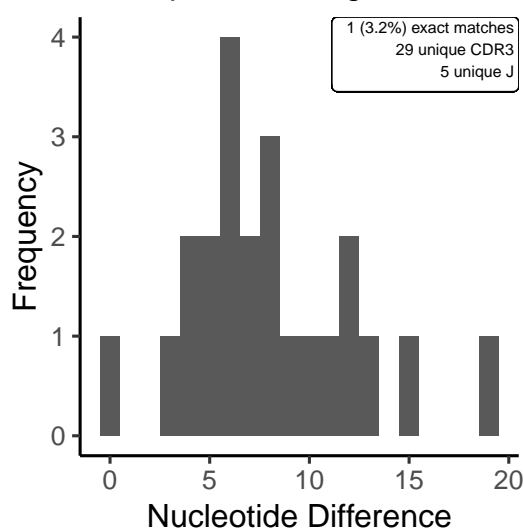
Gene IGHV4-34*01

692 sequences assigned



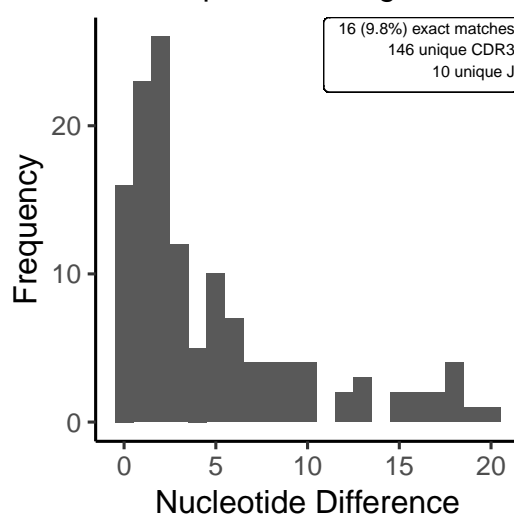
Gene IGHV3-73*01

31 sequences assigned



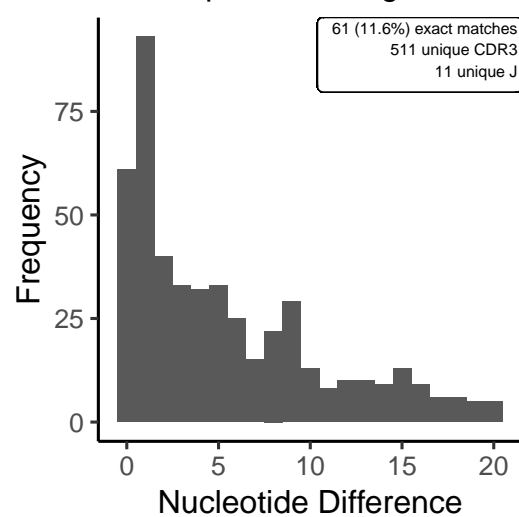
Gene IGHV4-4*07

163 sequences assigned



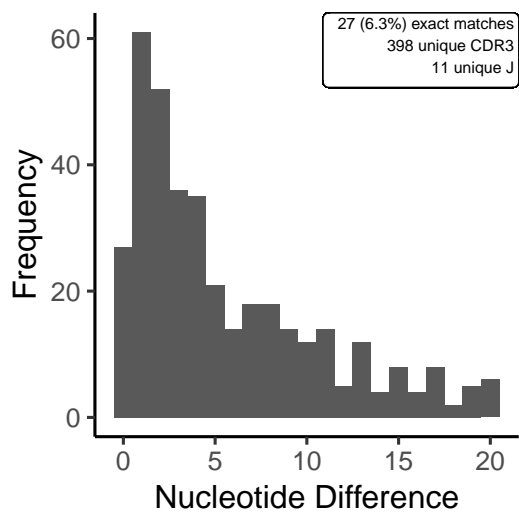
Gene IGHV4-34*01_T300

526 sequences assigned



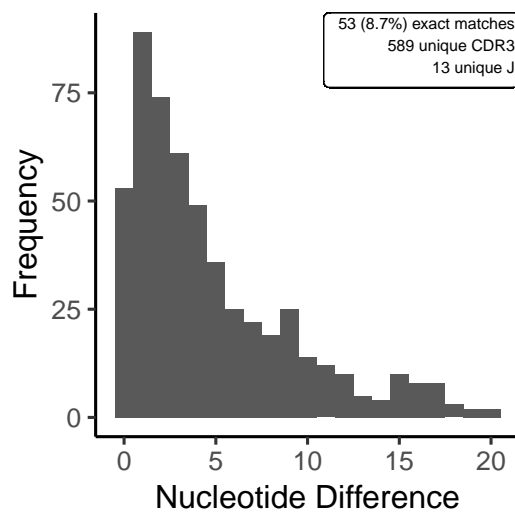
Gene IGHV4-38-2*02

427 sequences assigned



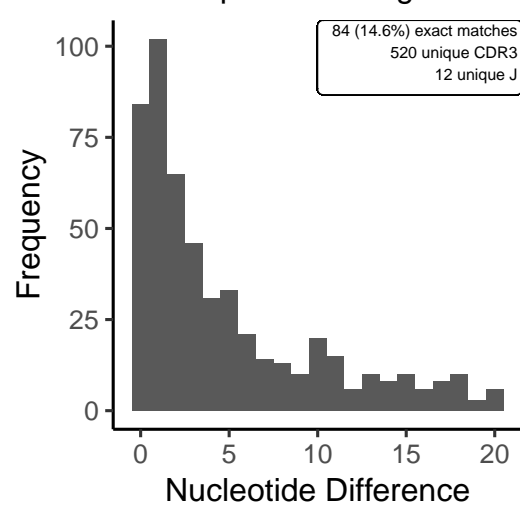
Gene IGHV4-59*01_T288

606 sequences assigned



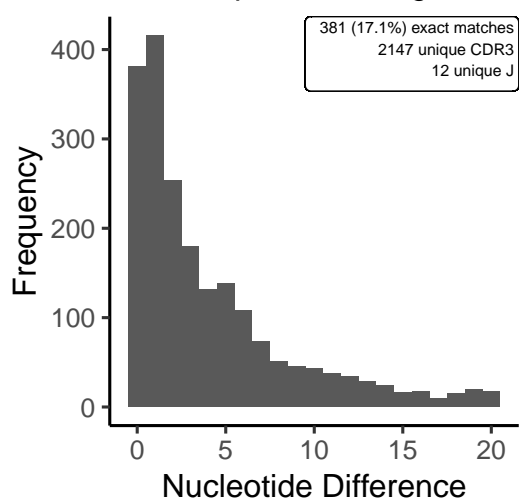
Gene IGHV5-51*01

574 sequences assigned



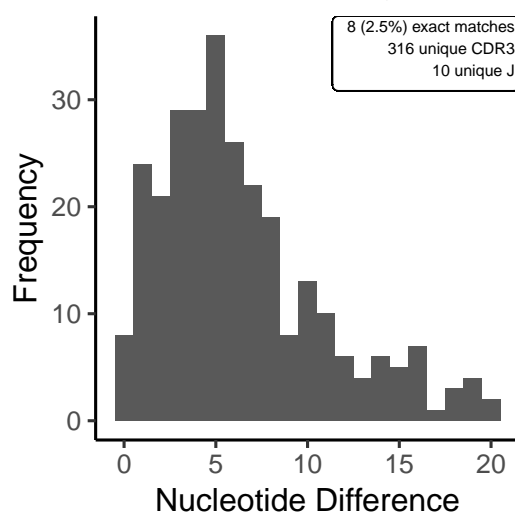
Gene IGHV4-39*07

2229 sequences assigned



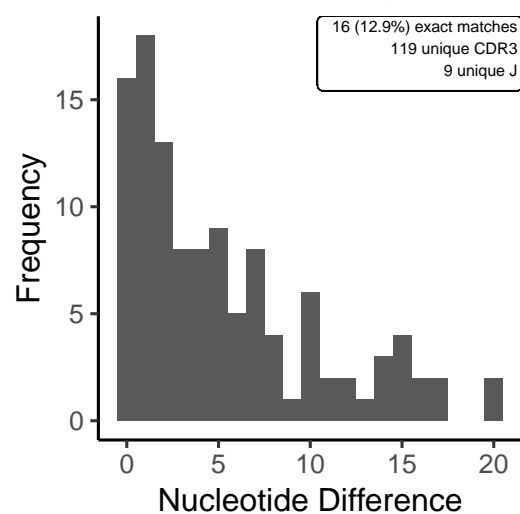
Gene IGHV4-61*01

322 sequences assigned



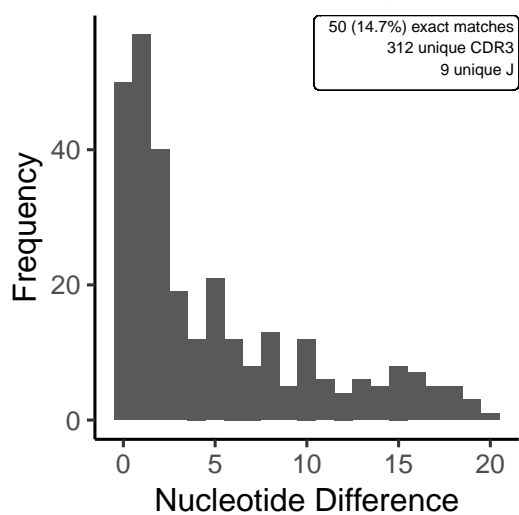
Gene IGHV6-1*01

124 sequences assigned



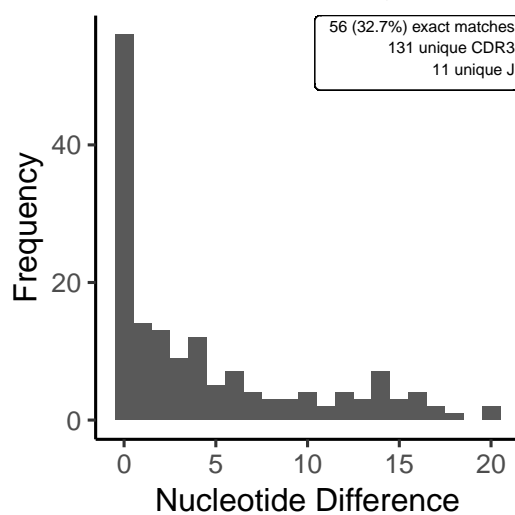
Gene IGHV4-59*01

340 sequences assigned



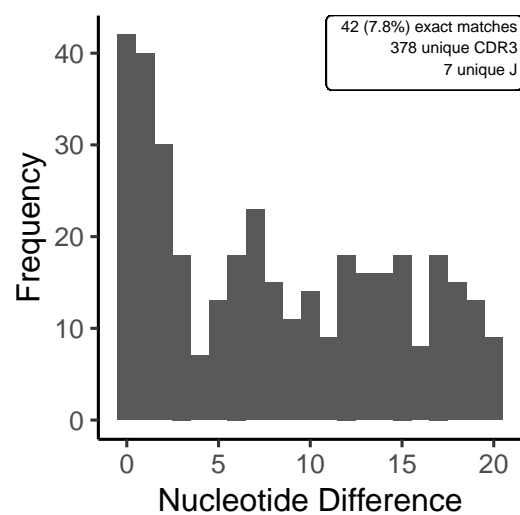
Gene IGHV5-10-1*01

171 sequences assigned

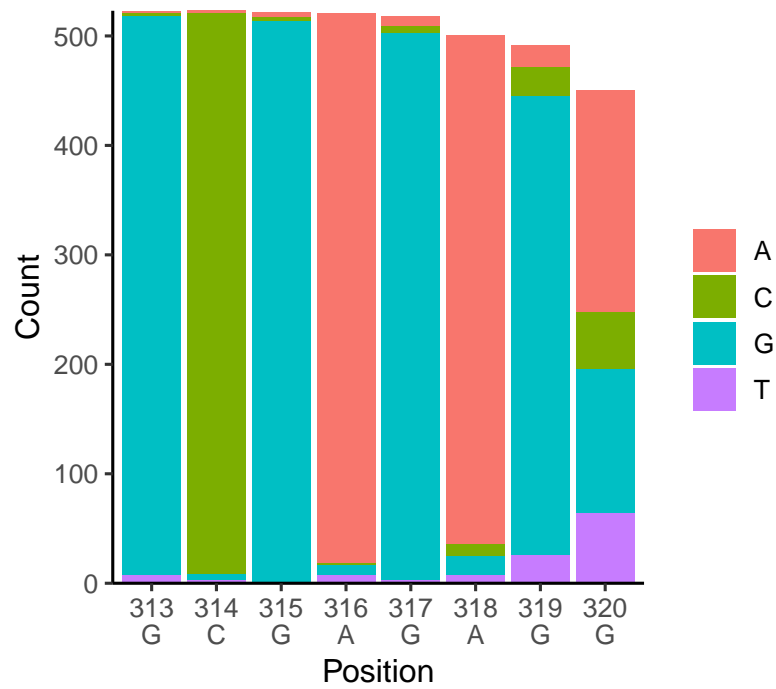


Gene IGHV7-4-1*02

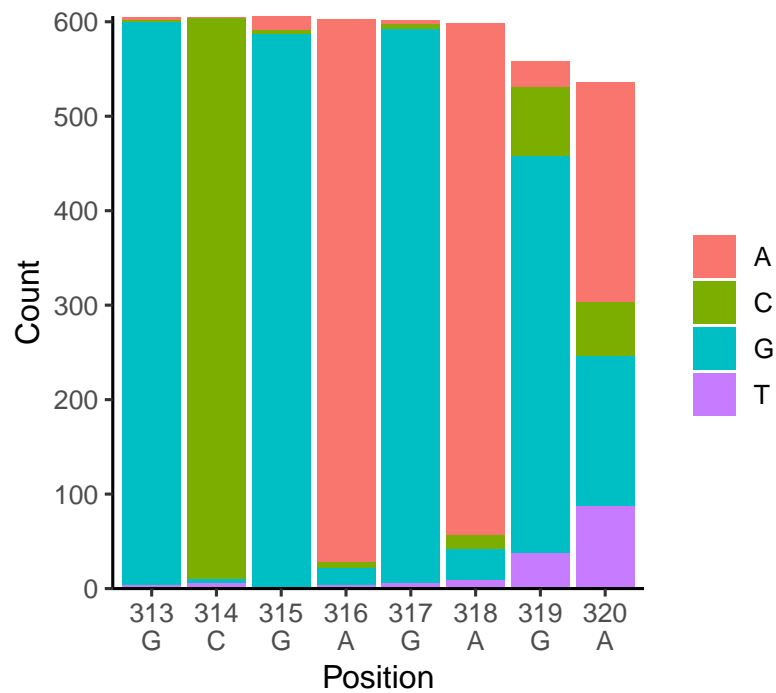
540 sequences assigned



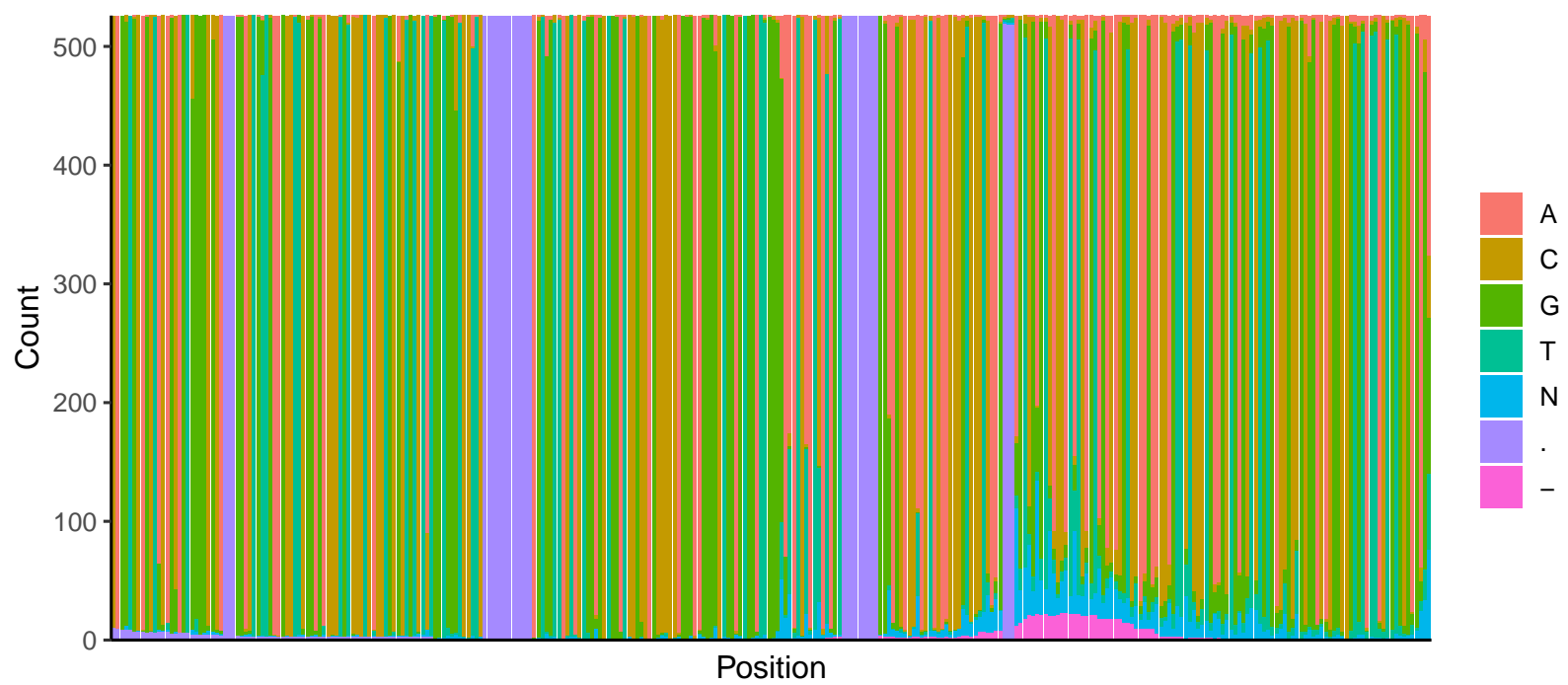
Gene IGHV4-34*01_T300C



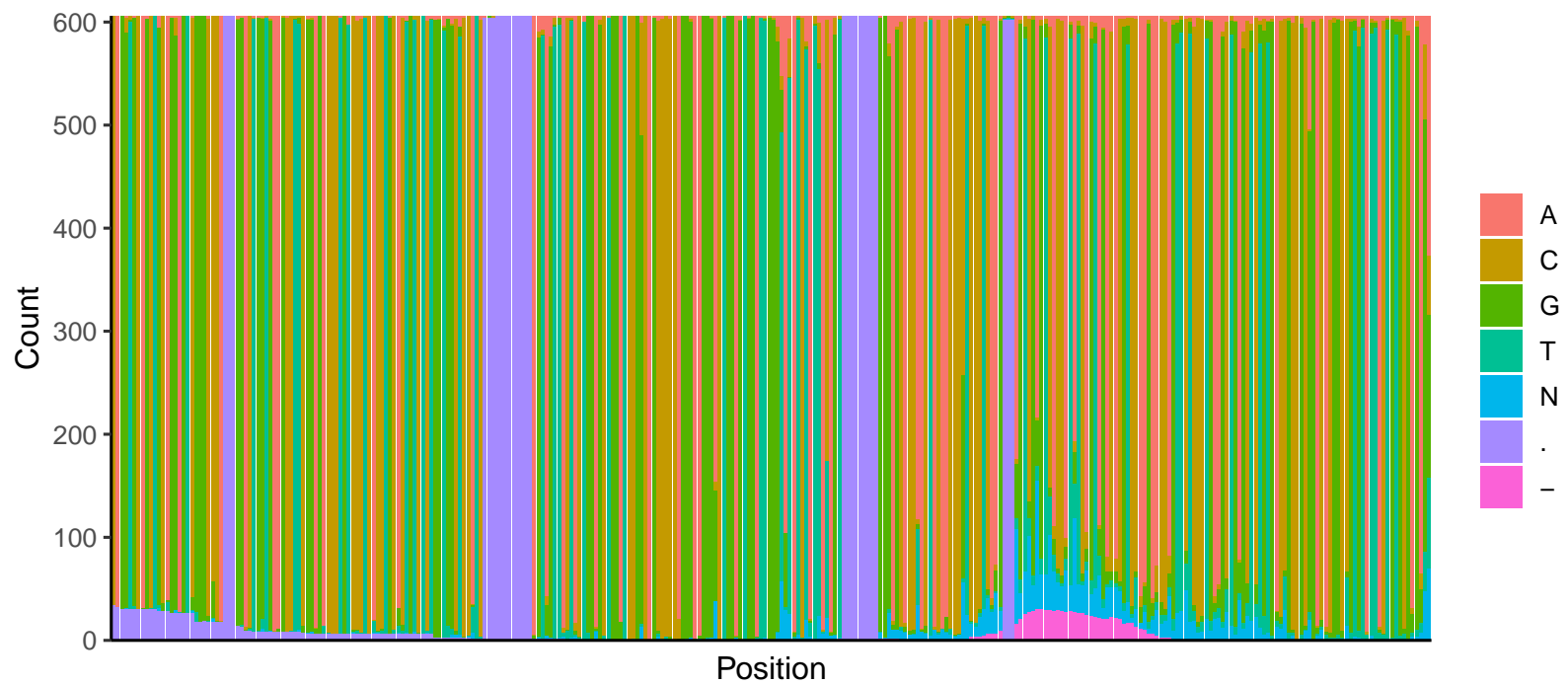
Gene IGHV4-59*01_T288C



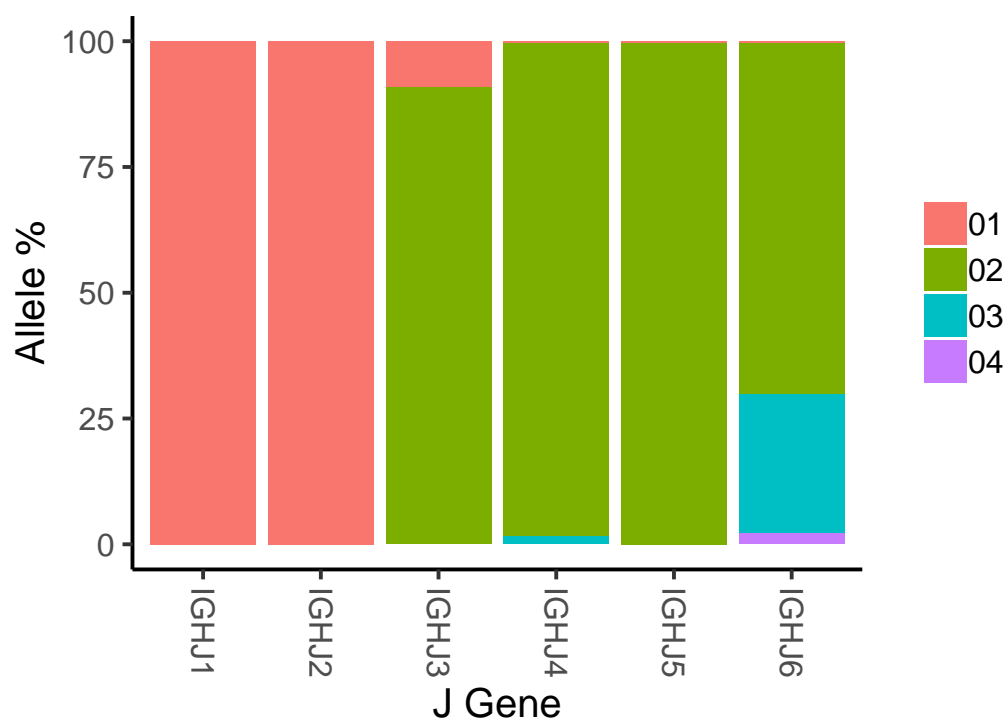
Gene IGHV4-34*01_T300C



Gene IGHV4-59*01_T288C



J Allele Usage



Sequence Count by IGHJ6 allele usage

