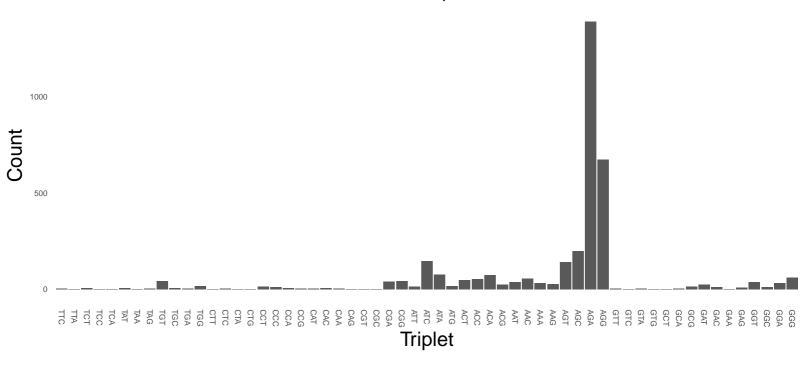
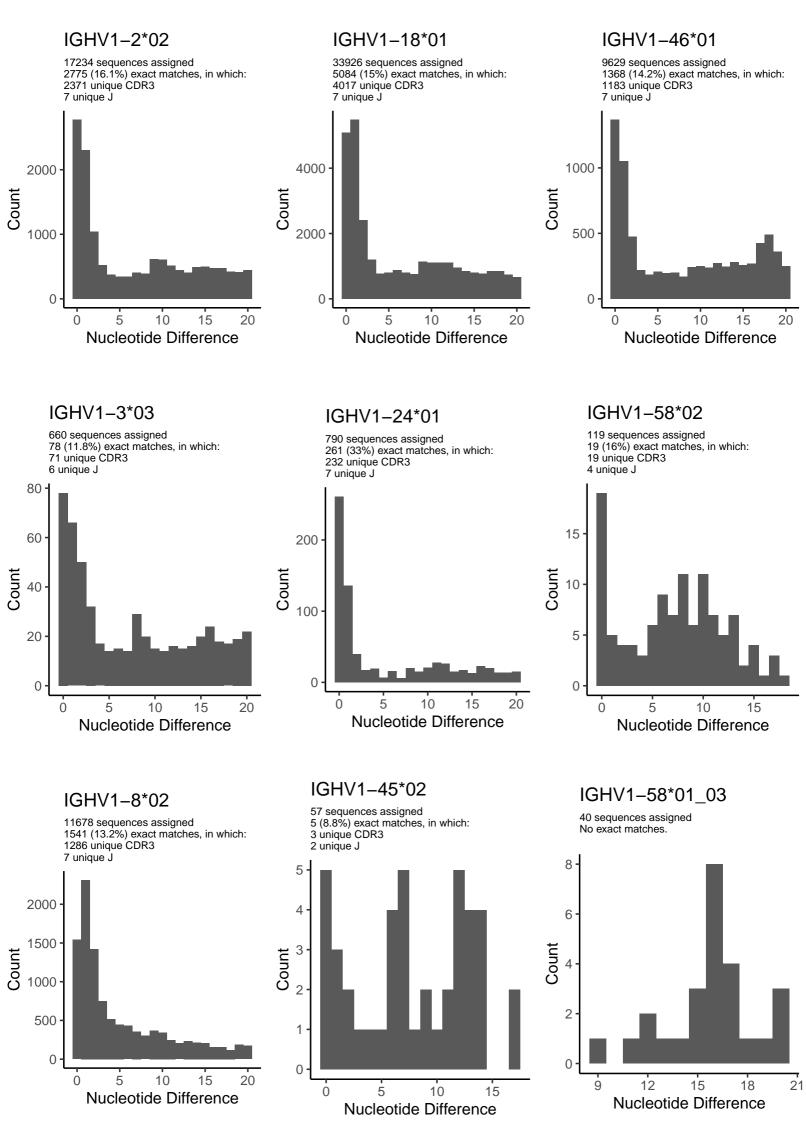
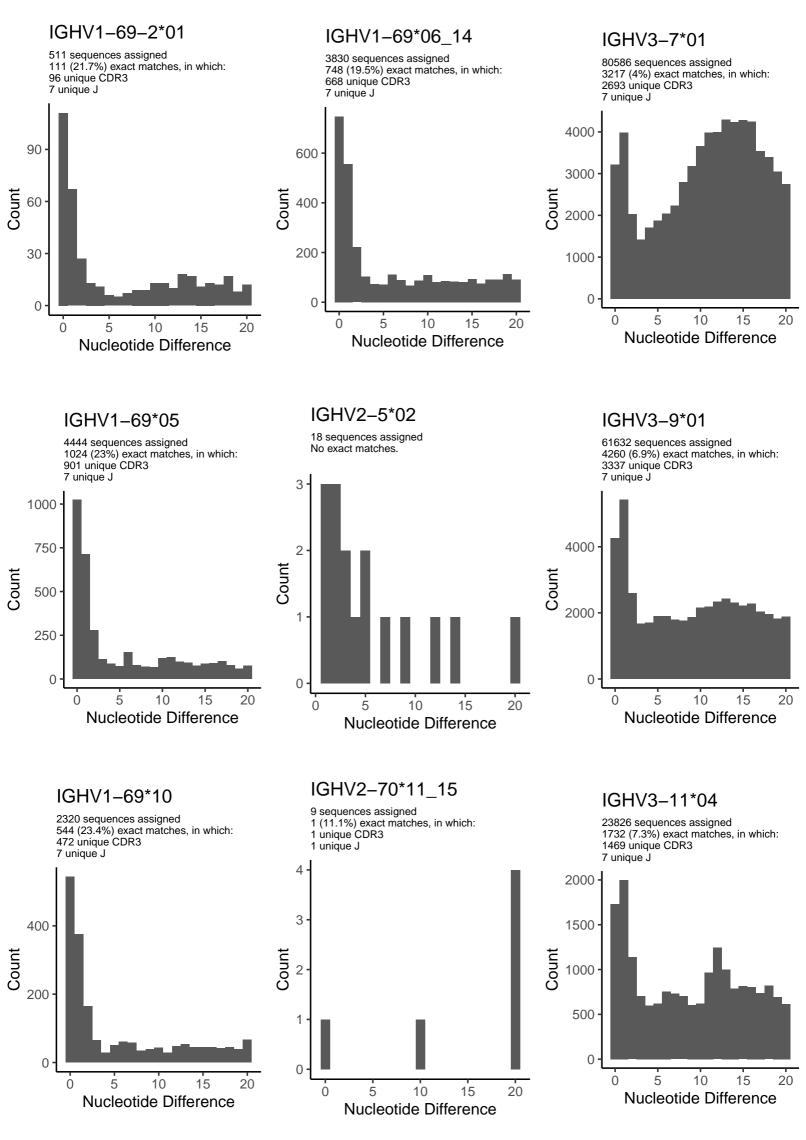
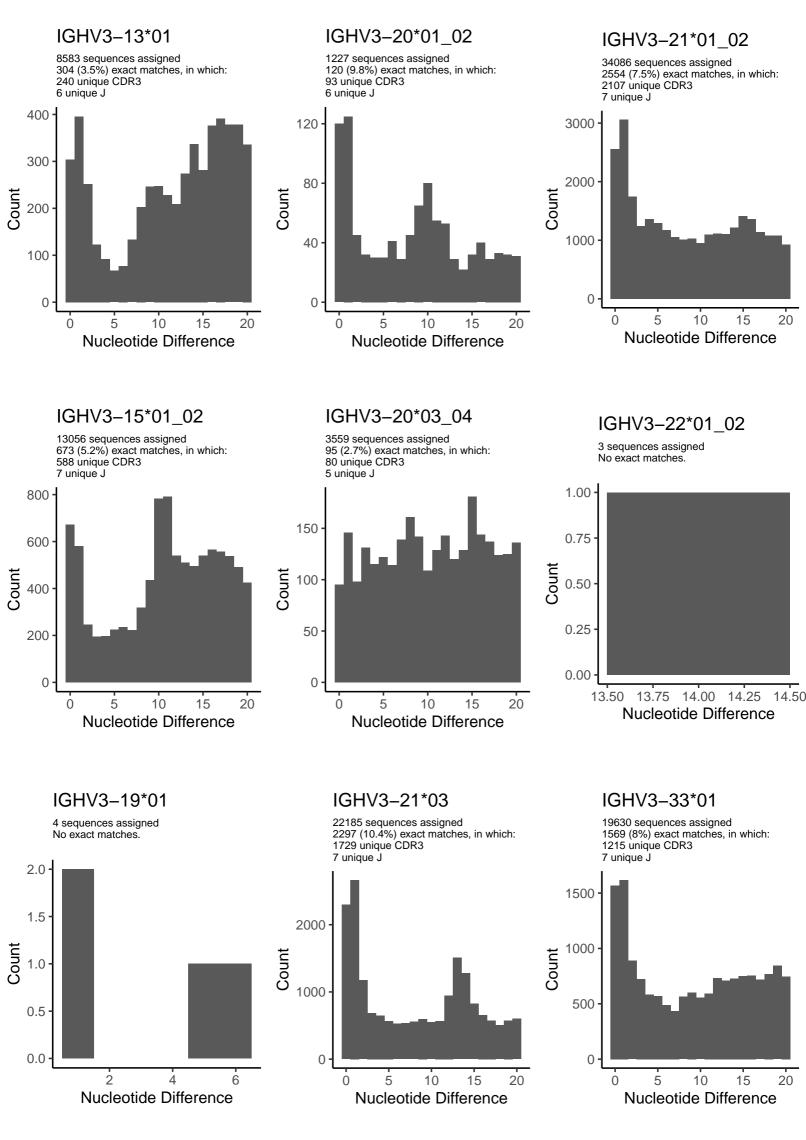


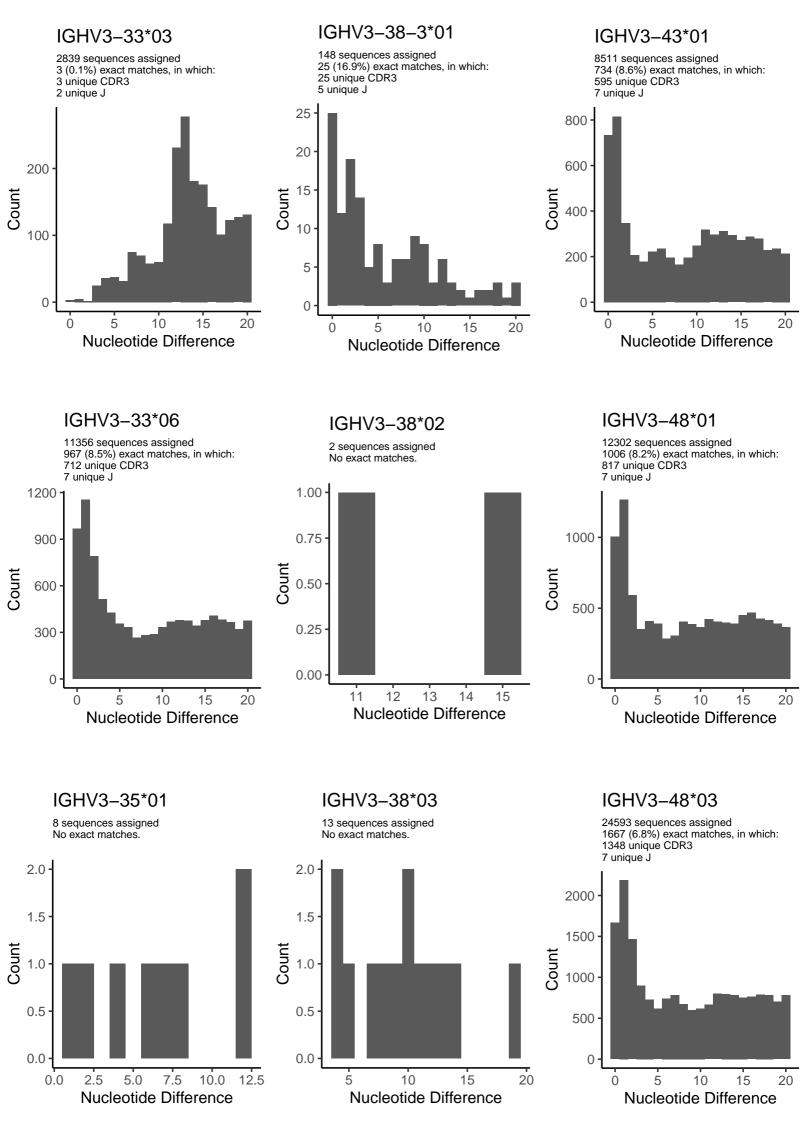
IGHV7-4-1*02_A18G- Final 3 nucleotides as a triplet

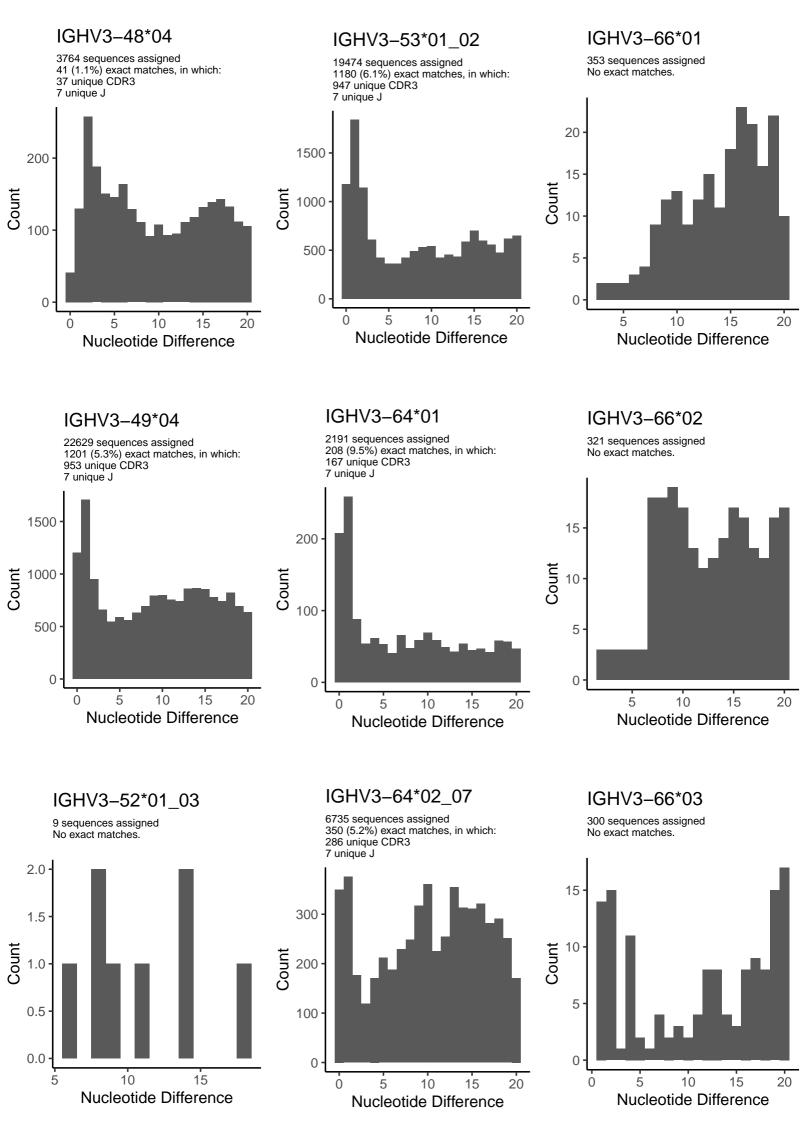


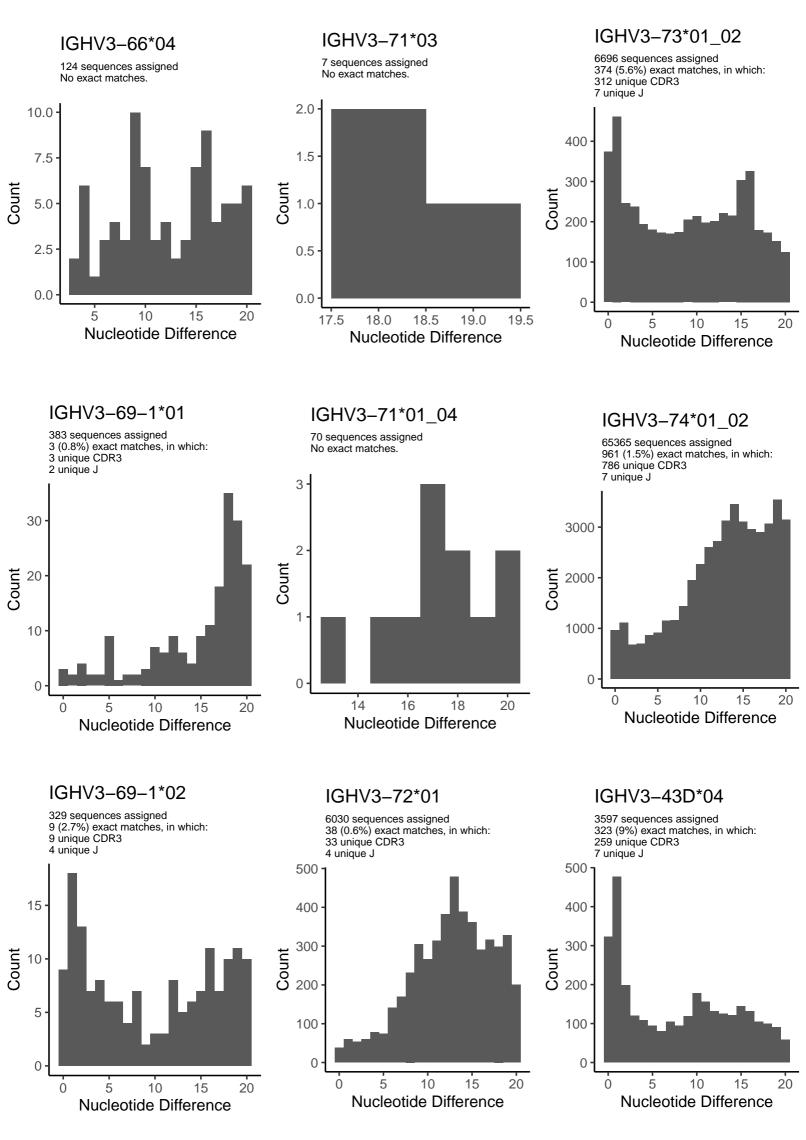


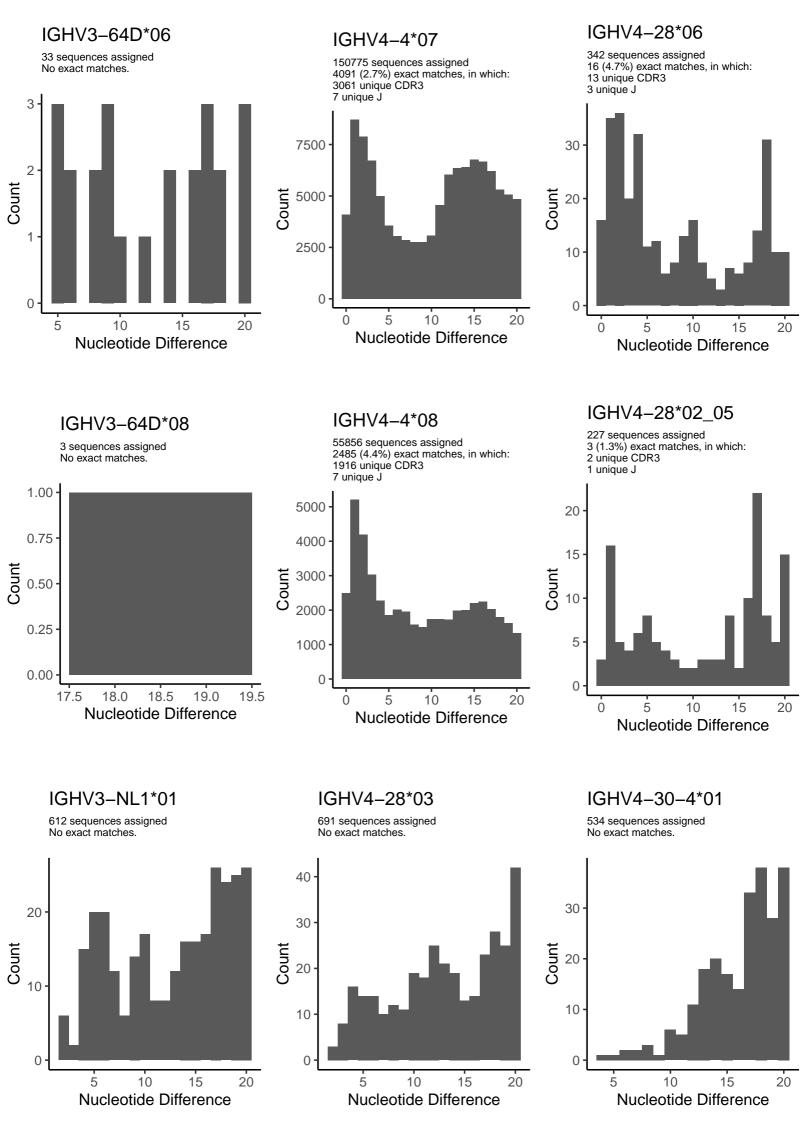


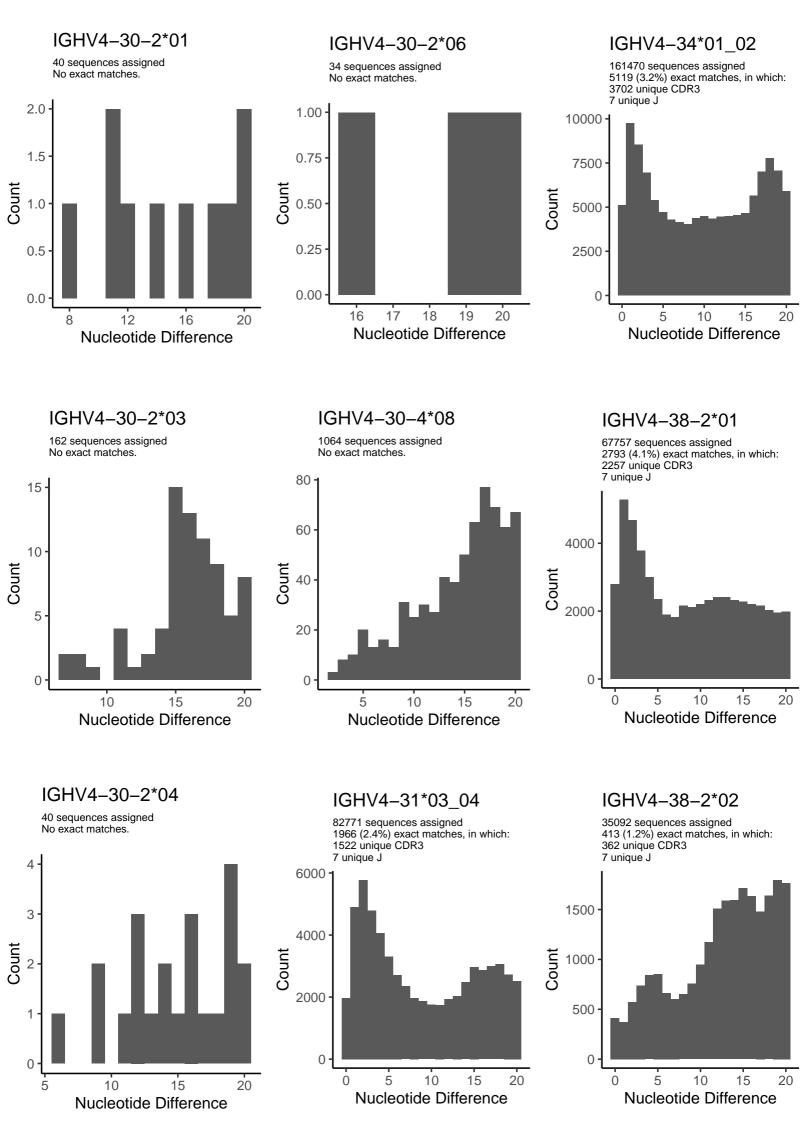


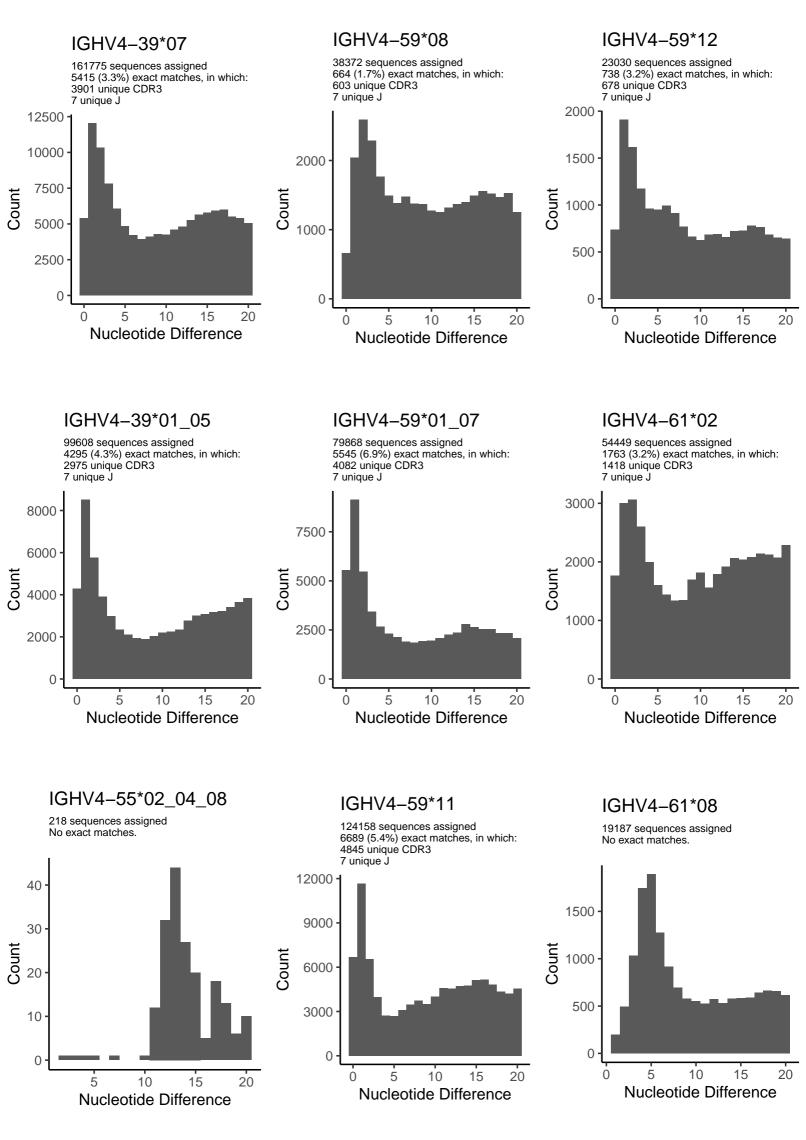






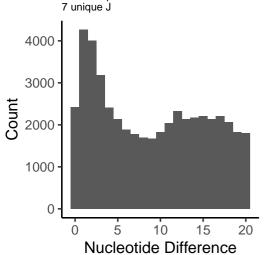






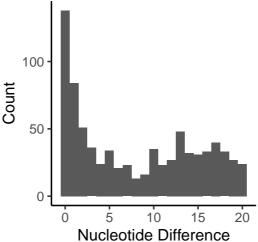
IGHV4-61*09

62099 sequences assigned 2425 (3.9%) exact matches, in which: 1909 unique CDR3



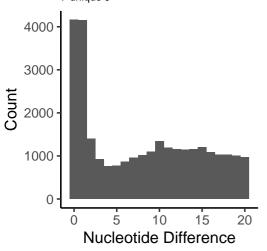
IGHV7-4-1*02

987 sequences assigned 138 (14%) exact matches, in which: 126 unique CDR3 6 unique J



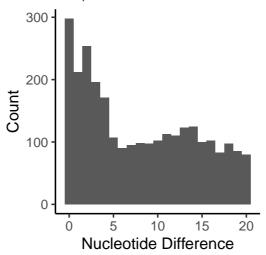
IGHV5-51*01_03

34039 sequences assigned 4160 (12.2%) exact matches, in which: 3205 unique CDR3 7 unique J



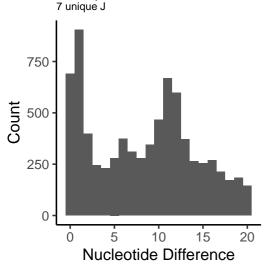
IGHV7-4-1*02_A18G

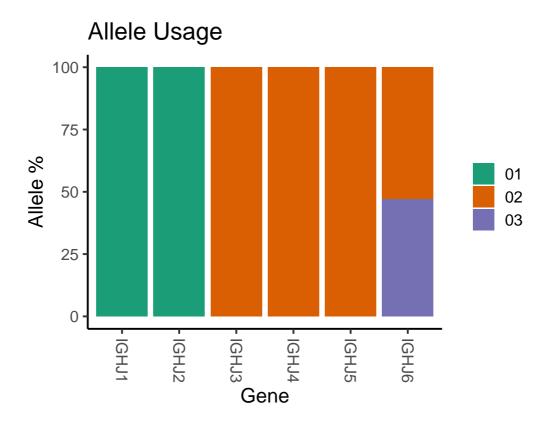
3477 sequences assigned 298 (8.6%) exact matches, in which: 231 unique CDR3 7 unique J



IGHV6-1*01_02

8376 sequences assigned 691 (8.2%) exact matches, in which: 511 unique CDR3





Sequence Count by IGHJ6 allele usage

