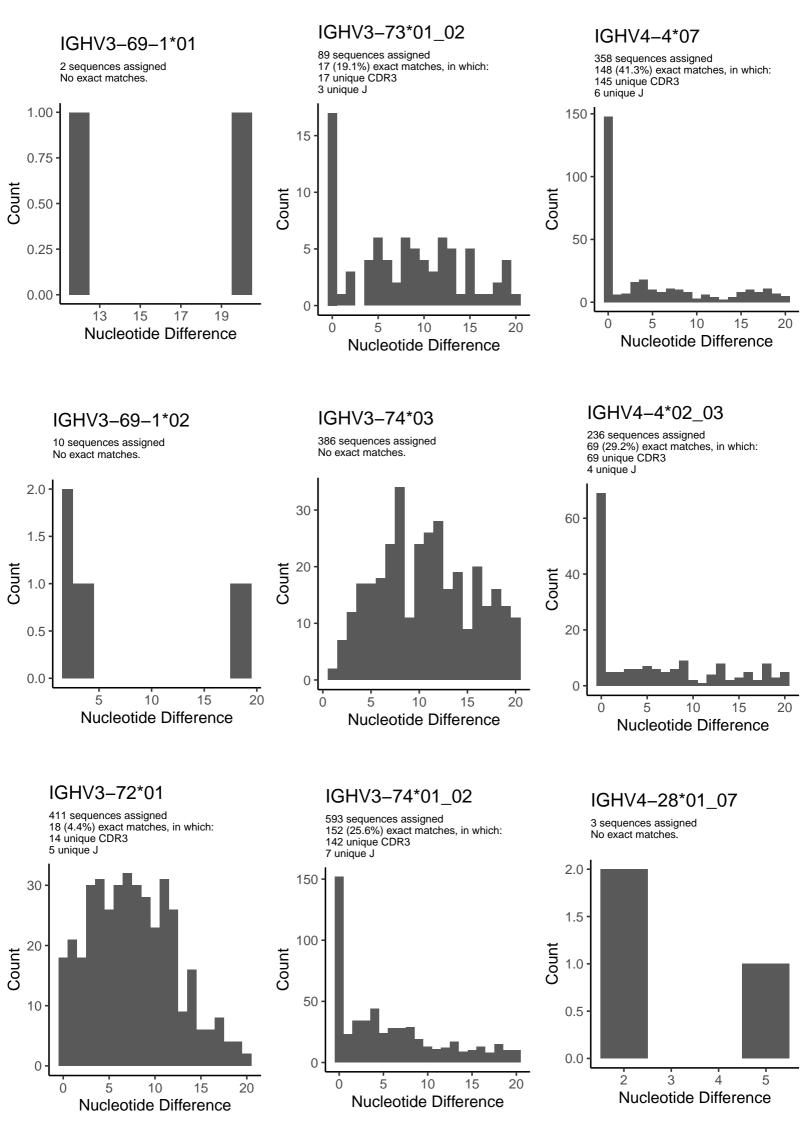
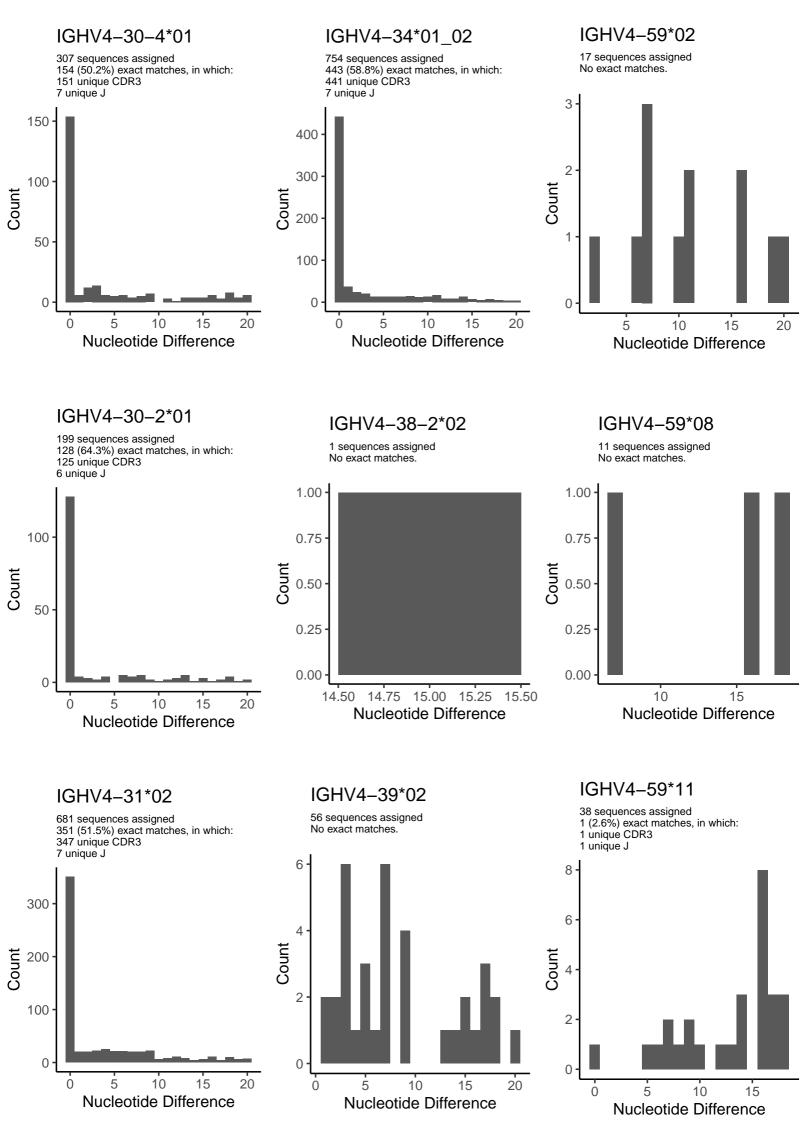
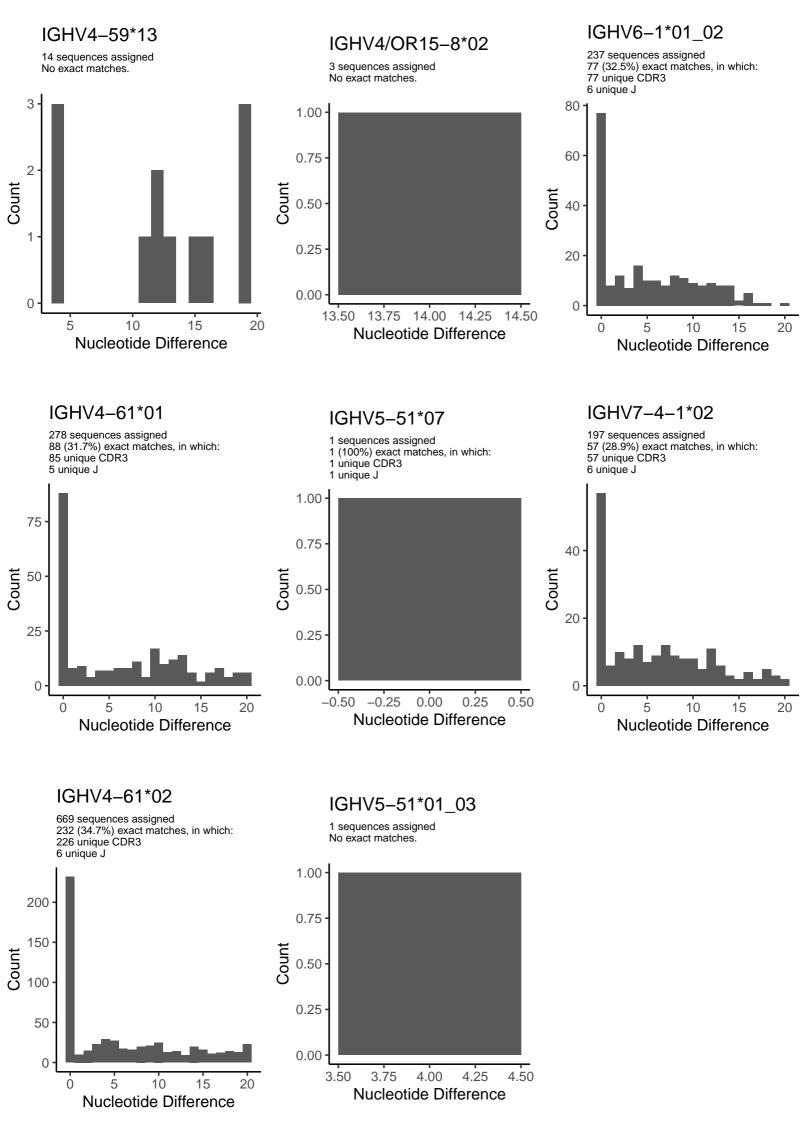
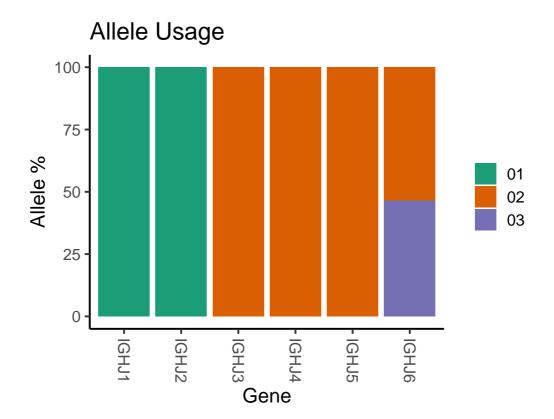


IGHV3-33*01 IGHV3-48*02 IGHV3-64*01 693 sequences assigned 214 (30.9%) exact matches, in which: 526 sequences assigned 68 sequences assigned 120 (22.8%) exact matches, in which: 10 (14.7%) exact matches, in which: 210 unique CDR3 111 unique CDR3 9 unique CDR3 7 unique J 5 unique J 3 unique J 125 10.0 200 100 7.5 150 75 Count Count 5.0 100 50 2.5 50 25 0.0 0 0 20 5 10 15 5 10 15 20 10 15 20 0 0 5 **Nucleotide Difference** Nucleotide Difference Nucleotide Difference IGHV3-64*02_07 IGHV3-49*03 05 IGHV3-43*01 22 sequences assigned 2 (9.1%) exact matches, in which: 2 unique CDR3 169 sequences assigned 26 (15.4%) exact matches, in which: 41 sequences assigned 12 (29.3%) exact matches, in which: 26 unique CDR3 12 unique CDR3 1 unique J 5 unique J 4 unique J 6 12.5 10.0 20 7.5 Count Count 5.0 10 2.5 0.0 0 0 20 5 10 15 0 10 15 20 0 5 5 10 0 15 **Nucleotide Difference** Nucleotide Difference Nucleotide Difference IGHV3-48*01 IGHV3-66*02 IGHV3-53*01_02 481 sequences assigned 190 sequences assigned 855 sequences assigned 107 (22.2%) exact matches, in which: 38 (20%) exact matches, in which: 186 (21.8%) exact matches, in which: 98 unique CDR3 37 unique CDR3 176 unique CDR3 6 unique J 4 unique J 6 unique J 90 150 30 Count Count 60 100 20 30 50 10 0 0 0 20 10 15 5 0 10 15 20 0 10 15 20 **Nucleotide Difference** Nucleotide Difference Nucleotide Difference









Sequence Count by IGHJ6 allele usage



