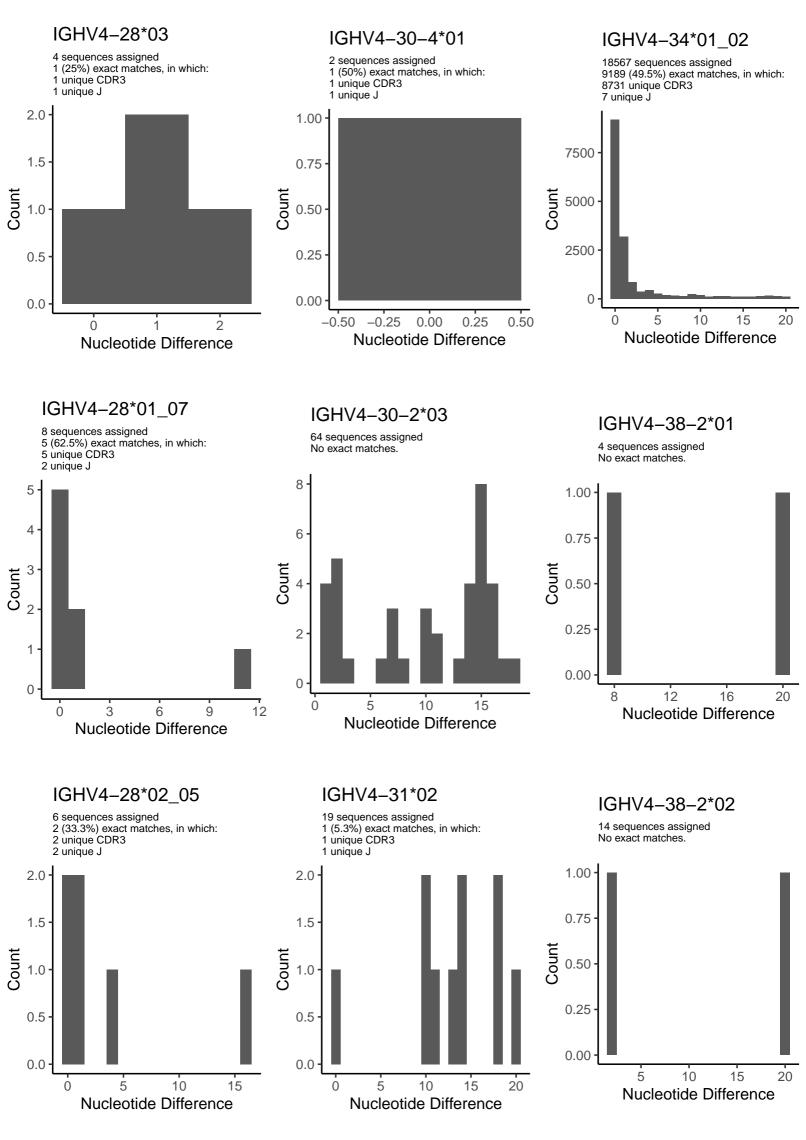
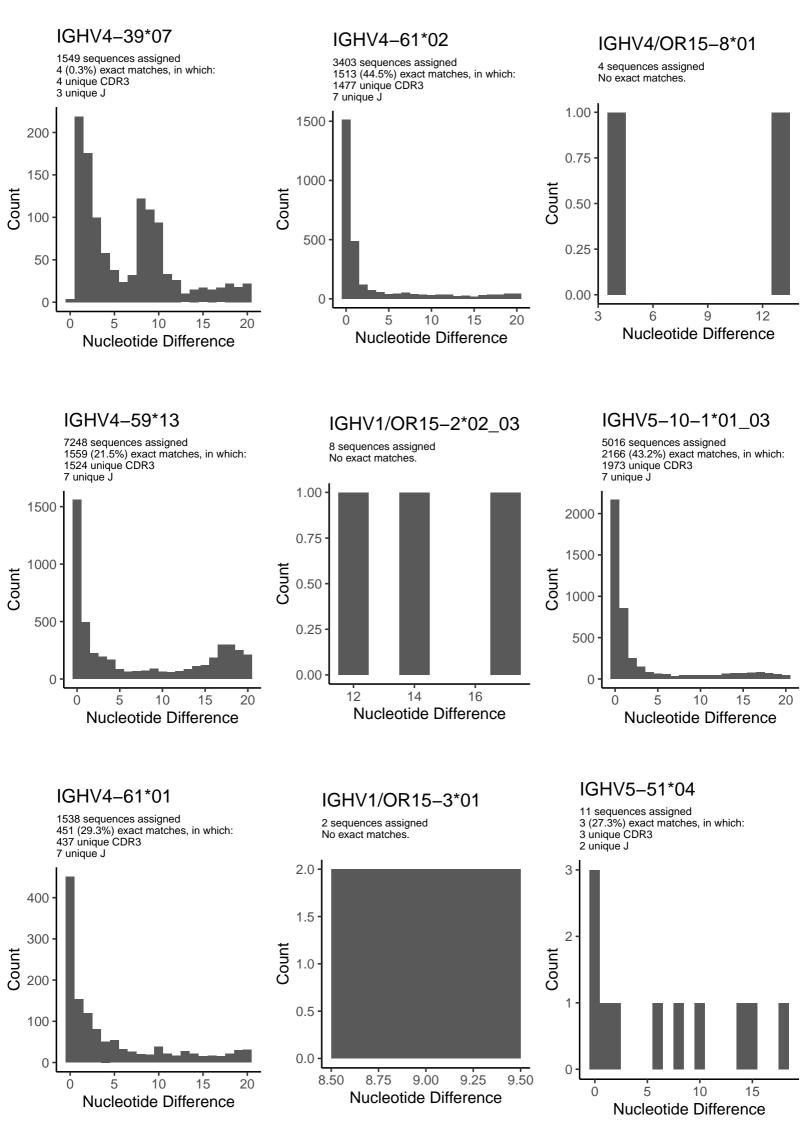
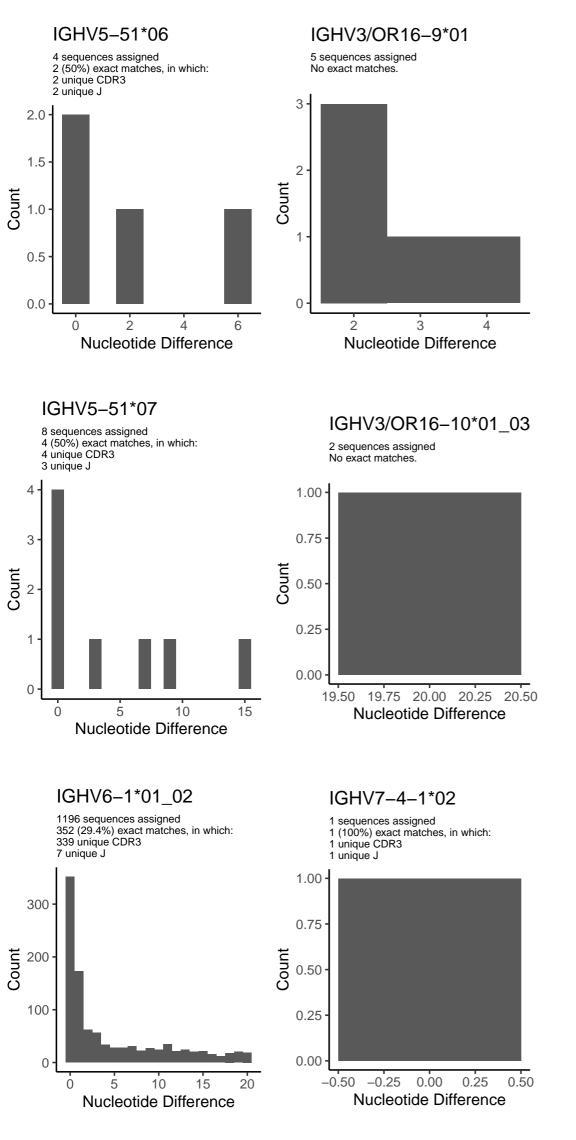
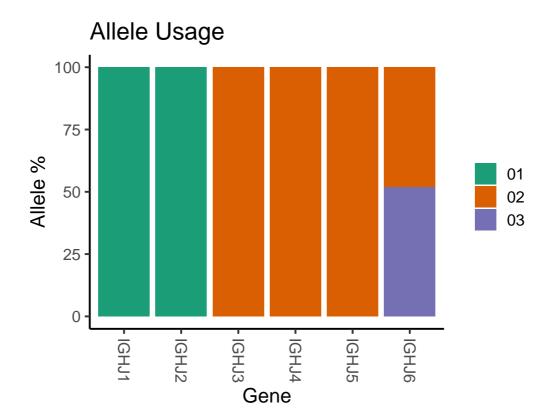


IGHV3-72*01 IGHV3-74*01_02 IGHV3-64D*09 730 sequences assigned 76 (10.4%) exact matches, in which: 2687 sequences assigned 1023 sequences assigned 721 (26.8%) exact matches, in which: 409 (40%) exact matches, in which: 67 unique CDR3 324 unique CDR3 564 unique CDR3 5 unique J 7 unique J 7 unique J 400 600 60 300 Count Count Count 400 40 200 200 20 100 0 0 0 5 10 15 20 5 10 15 20 0 0 0 10 15 20 Nucleotide Difference Nucleotide Difference Nucleotide Difference IGHV3-NL1*01 IGHV3-73*01_02 IGHV3-43D*04 1318 sequences assigned 393 (29.8%) exact matches, in which: 26 sequences assigned 4 sequences assigned 1 (3.8%) exact matches, in which: No exact matches. 1 uniqué CDR3 324 unique CDR3 1 unique J 7 unique J 1.00 400 -2.0 300 0.75 1.5 Count Count 0.50 200 1.0 0.25 100 0.5 0.00 0 0.0 5 10 15 10 15 20 0 5 15 10 0 5 **Nucleotide Difference Nucleotide Difference** Nucleotide Difference IGHV3-64D*06 IGHV4-4*07 IGHV3-74*03 915 sequences assigned 6763 sequences assigned 2409 sequences assigned 463 (50.6%) exact matches, in which: 2008 (29.7%) exact matches, in which: No exact matches. 360 unique CDR3 1933 unique CDR3 7 unique J 7 unique J 120 2000 400 90 1500 300 Count 60 1000 200 30 500 100 0 0 10 15 20 10 15 5 10 15 20 **Nucleotide Difference** Nucleotide Difference **Nucleotide Difference**









Sequence Count by IGHJ6 allele usage

