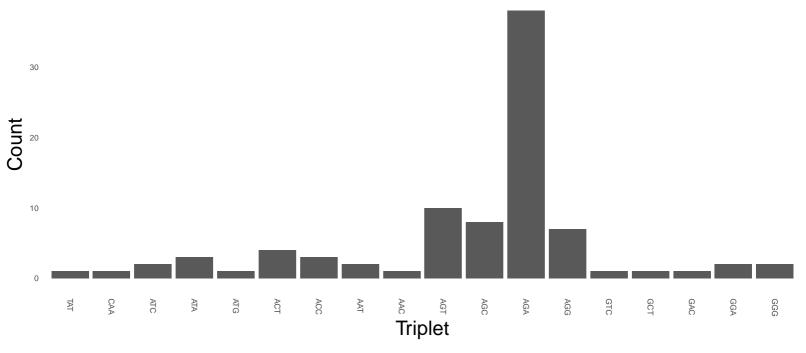
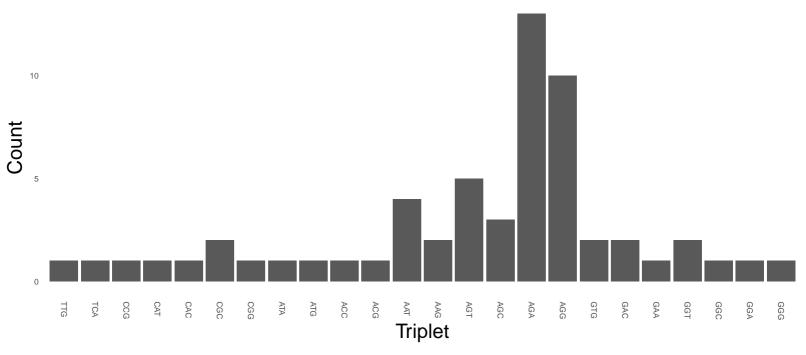
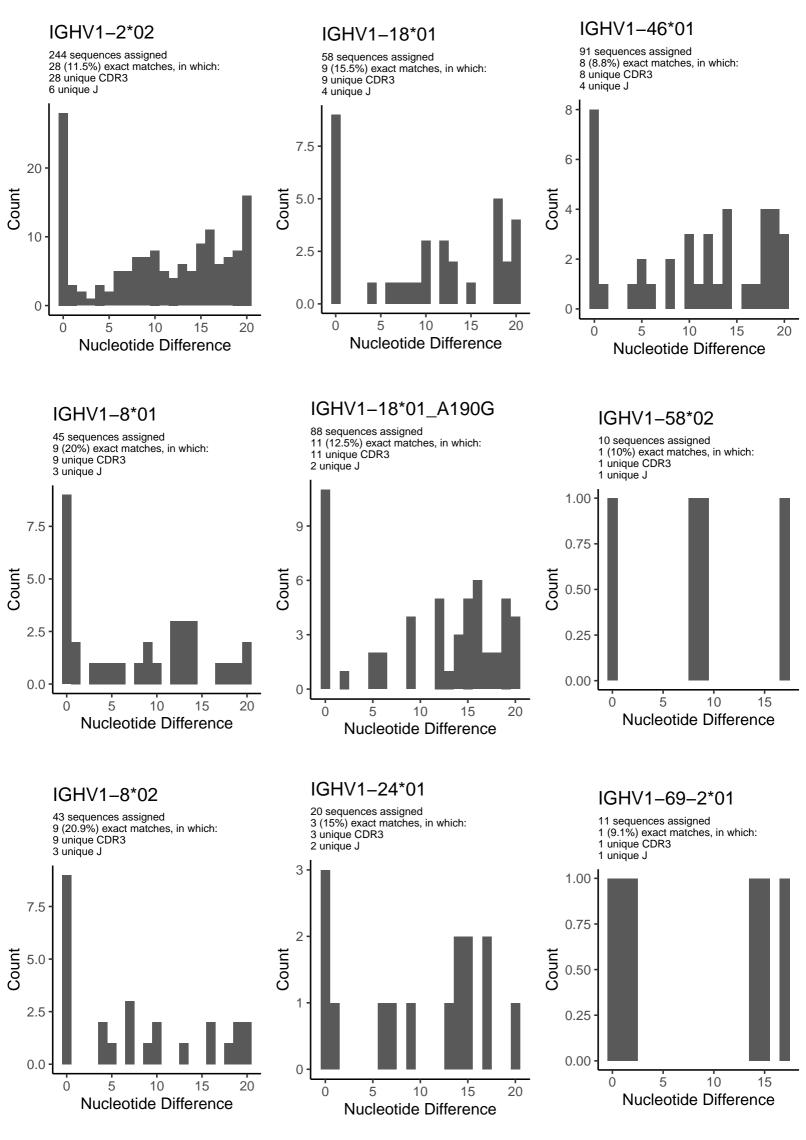


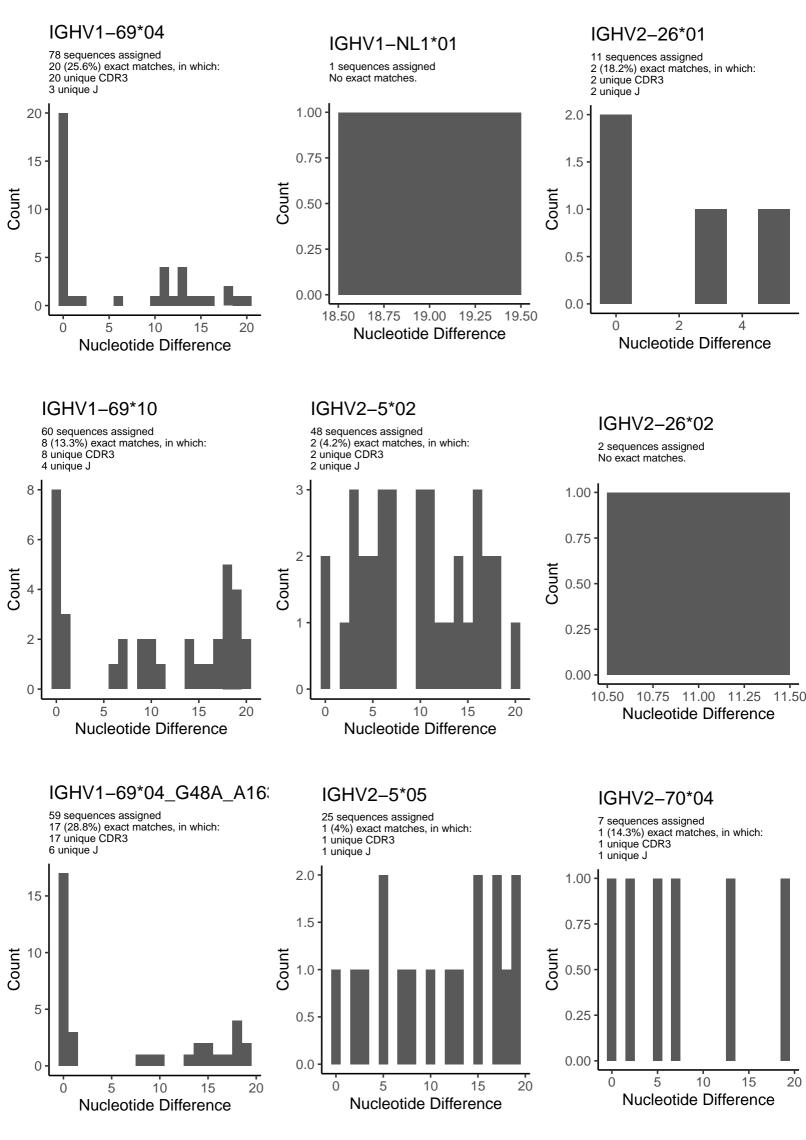
IGHV1-18*01_A190G- Final 3 nucleotides as a triplet

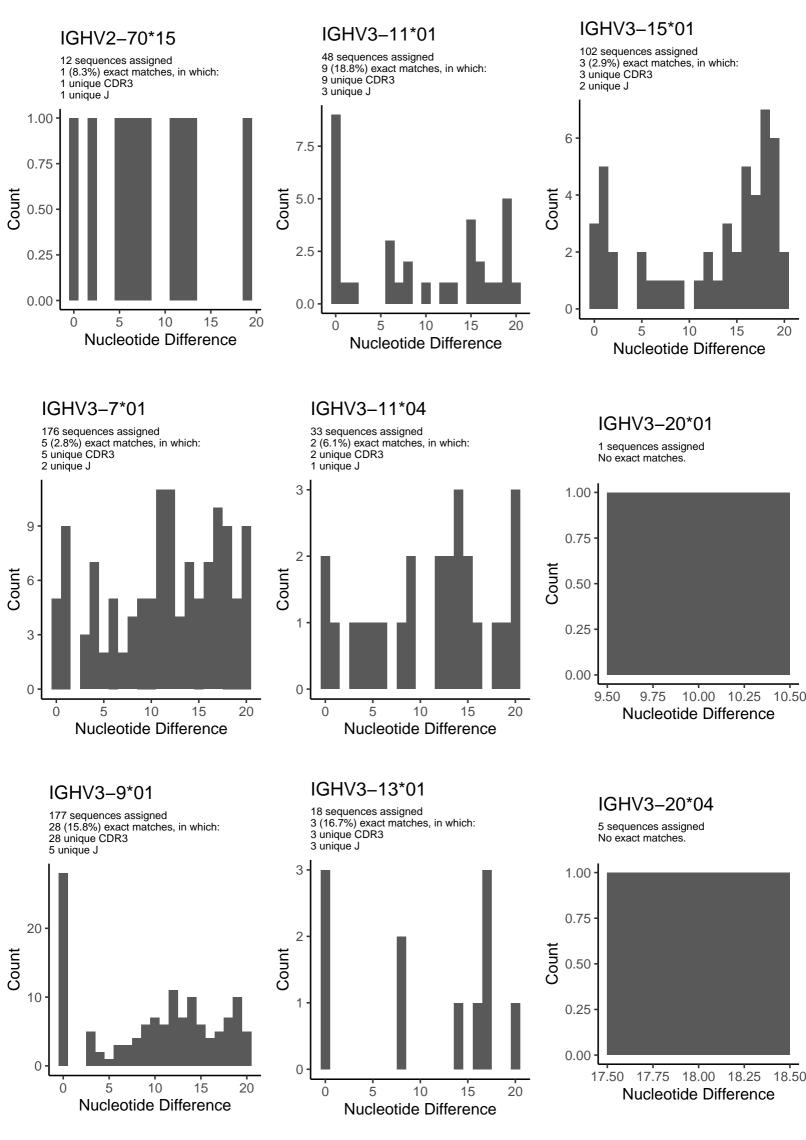


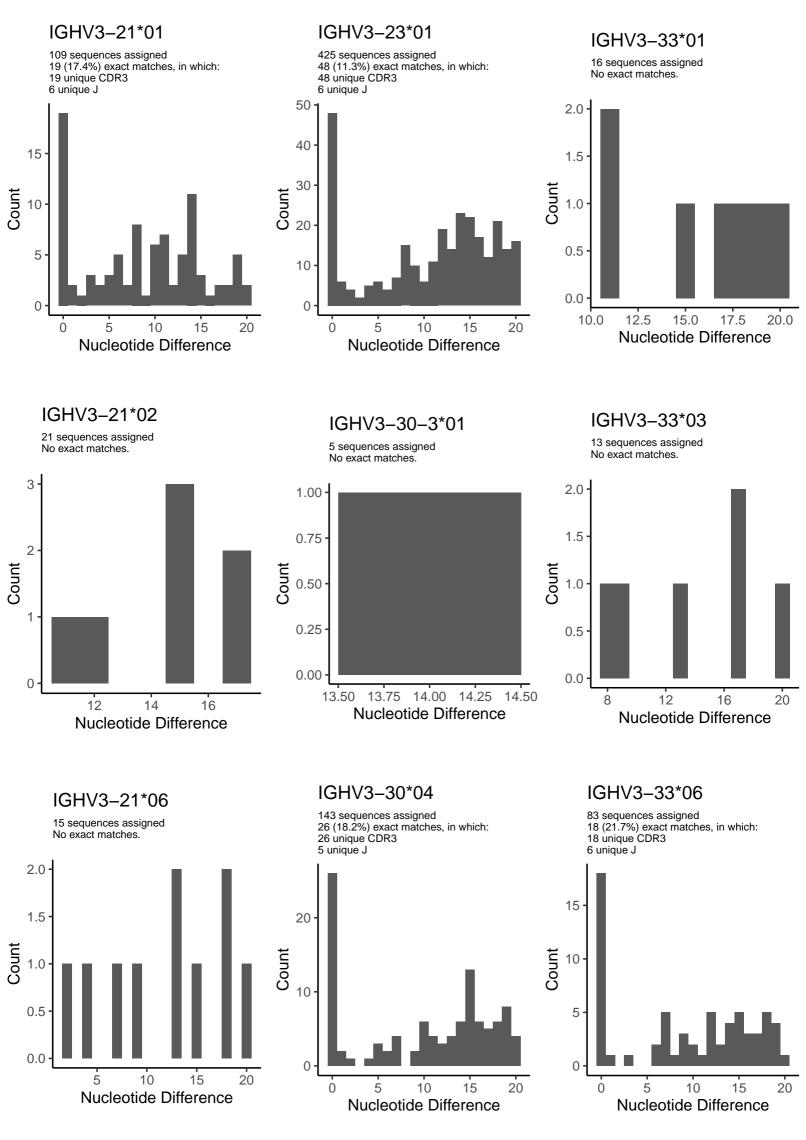
IGHV1-69*04_G48A_A163G_A244G- Final 3 nucleotides as a triplet

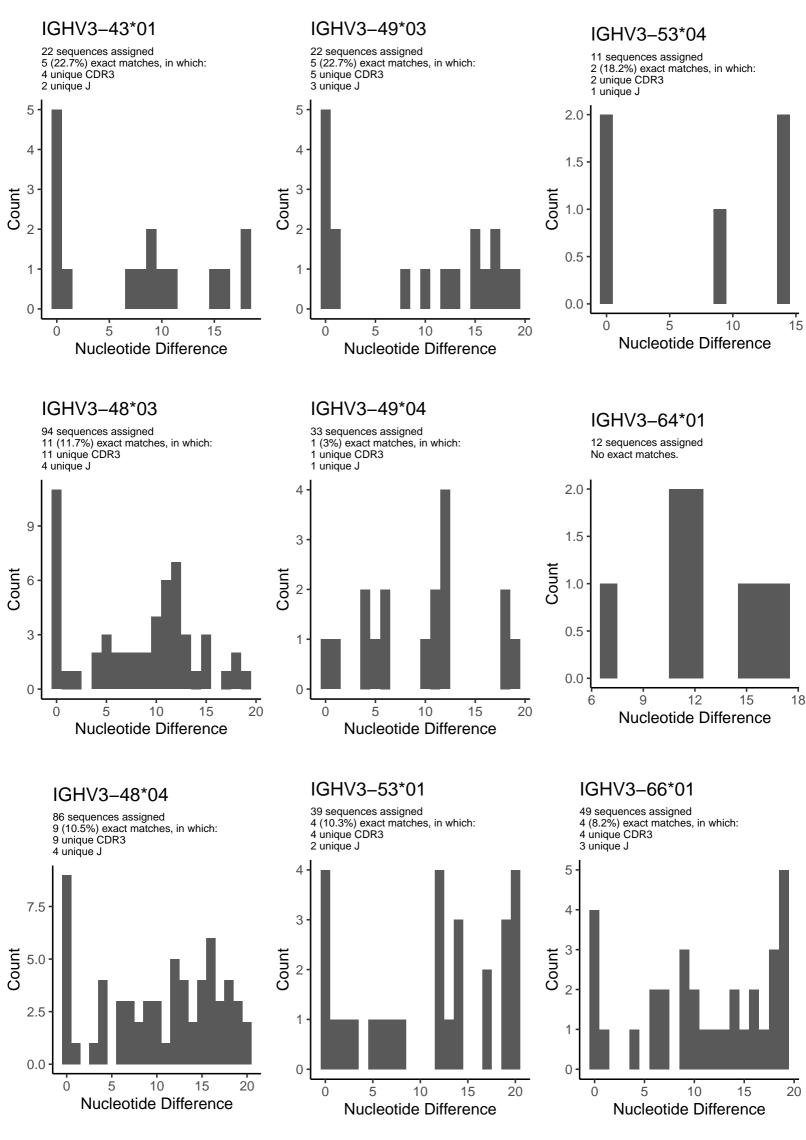


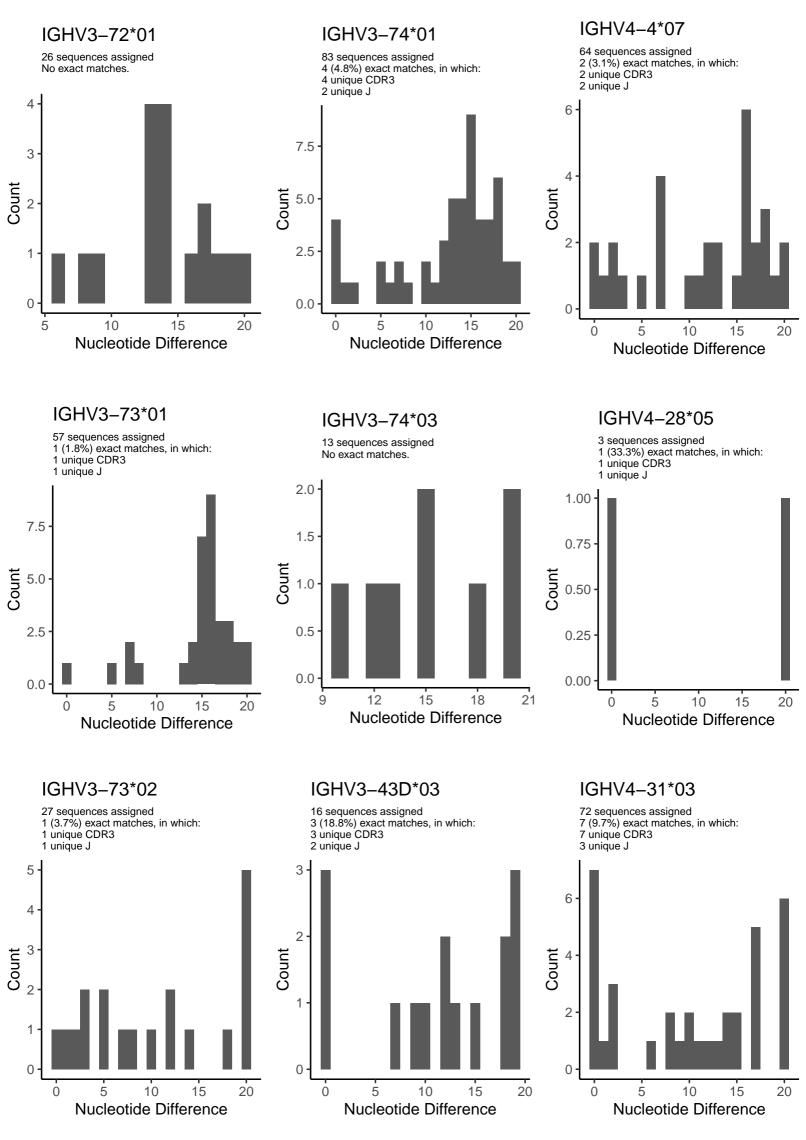


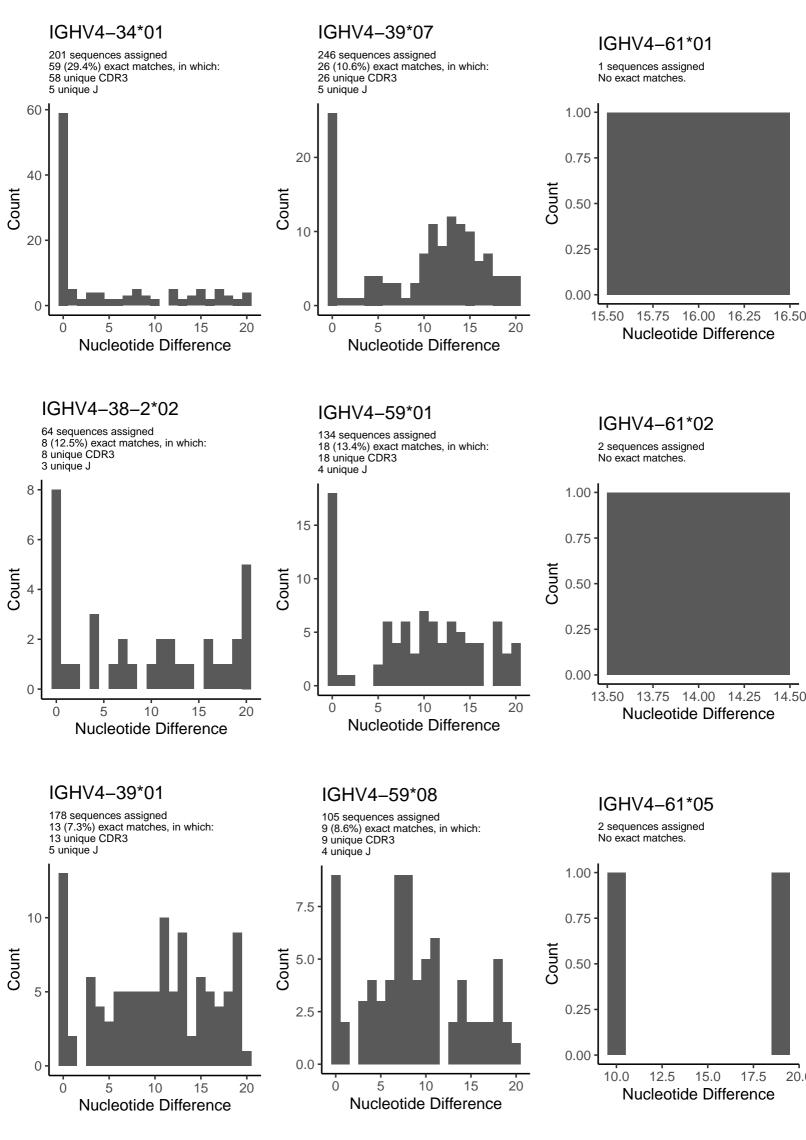






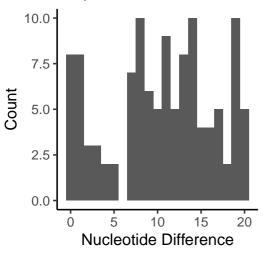






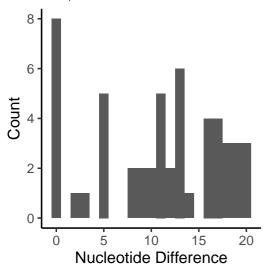
IGHV5-51*01

163 sequences assigned 8 (4.9%) exact matches, in which: 8 unique CDR3 5 unique J



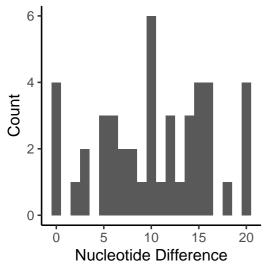
IGHV5-51*03

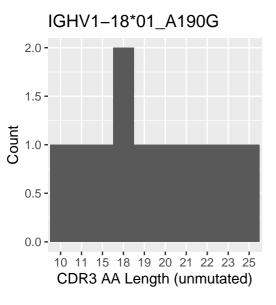
76 sequences assigned 8 (10.5%) exact matches, in which: 8 unique CDR3 3 unique J

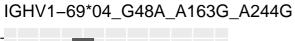


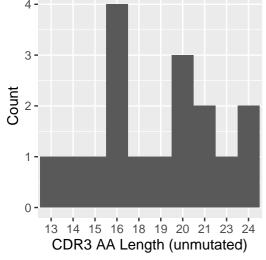
IGHV6-1*01

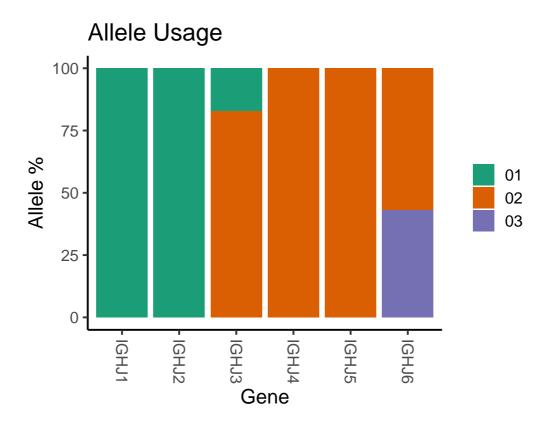
- 57 sequences assigned 4 (7%) exact matches, in which: 4 unique CDR3 2 unique J











Sequence Count by IGHJ6 allele usage

