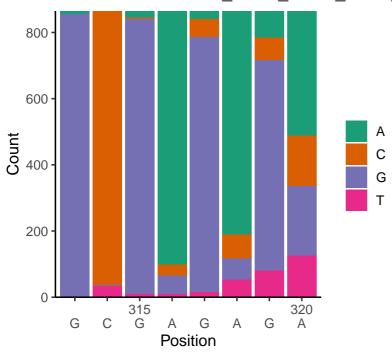
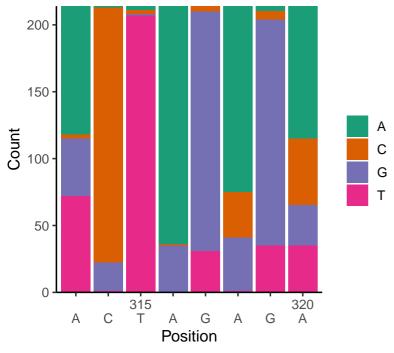
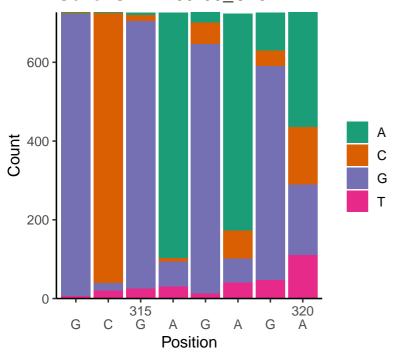
Gene IGHV3-21*01_C34T_A40C_C90T_A112T_C114G_A119G_A210C

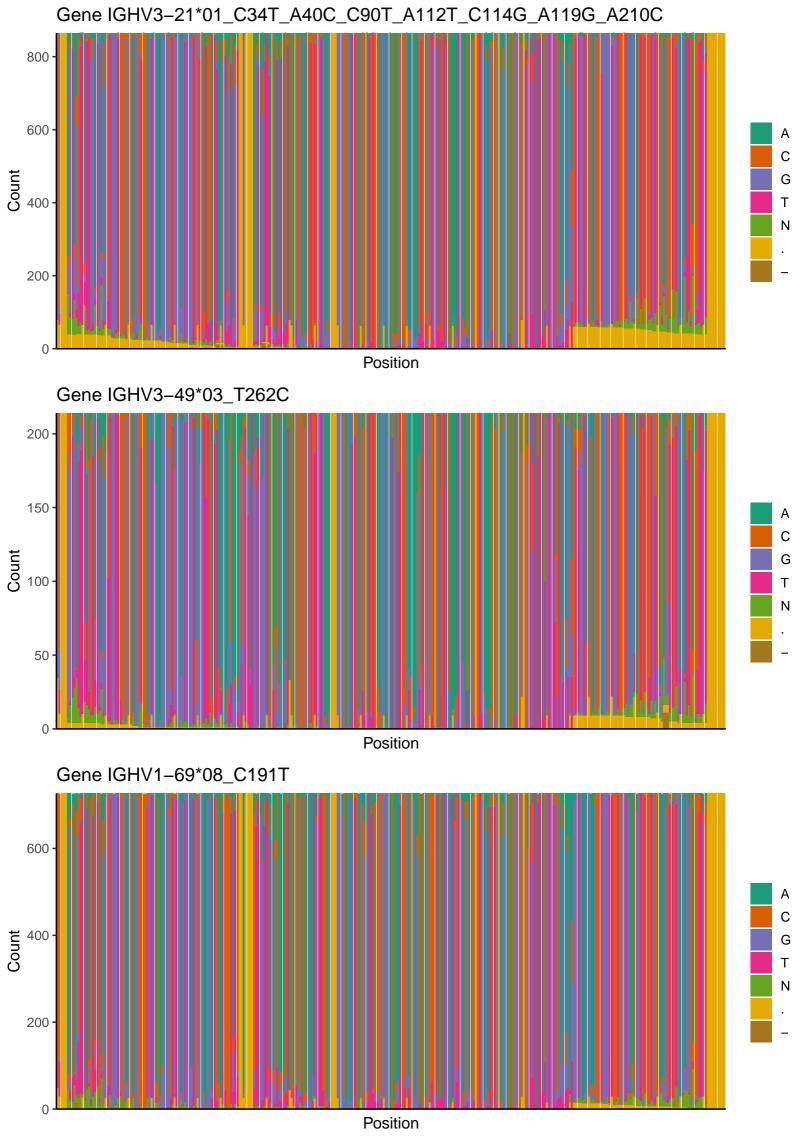


Gene IGHV3-49*03_T262C

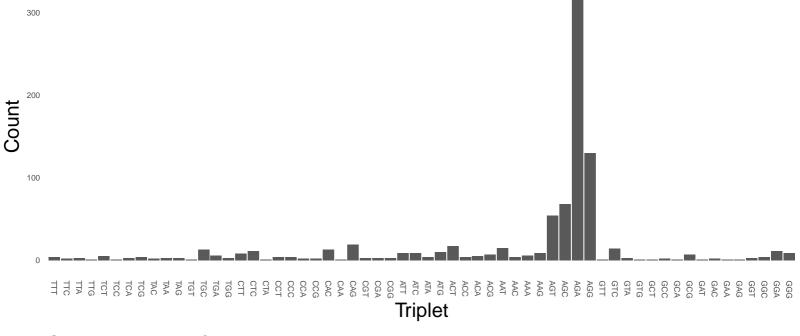


Gene IGHV1-69*08_C191T

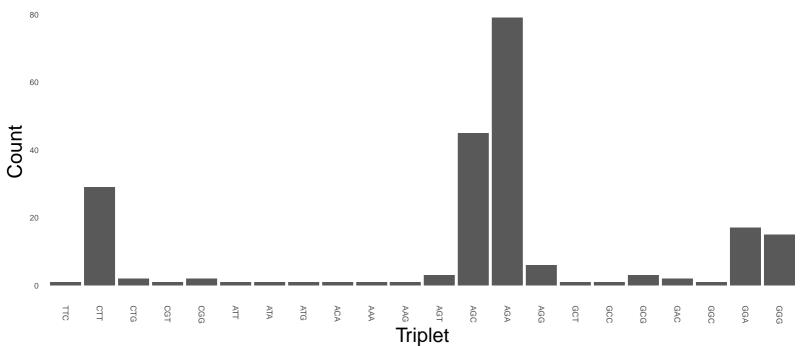




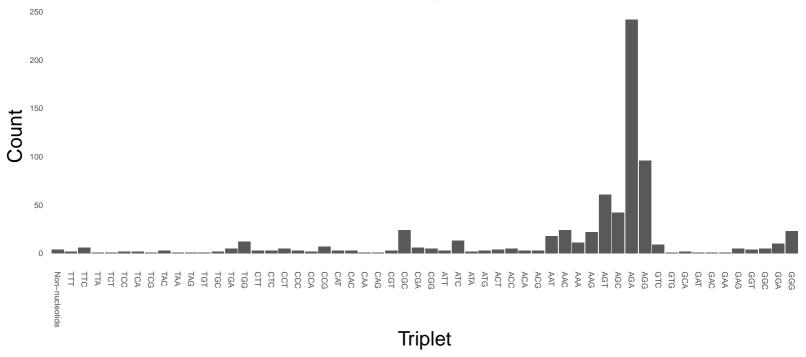
IGHV3-21*01_C34T_A40C_C90T_A112T_C114G_A119G_A210C- Final 3 nucleotides as a triple

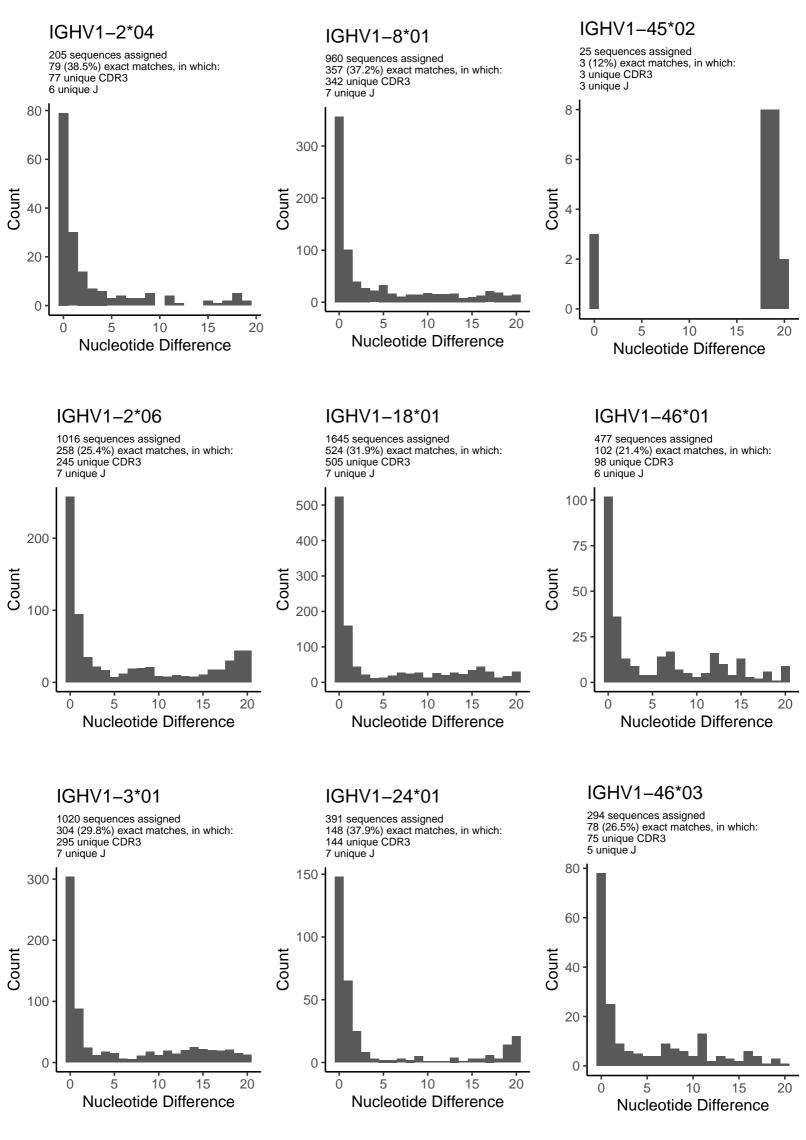


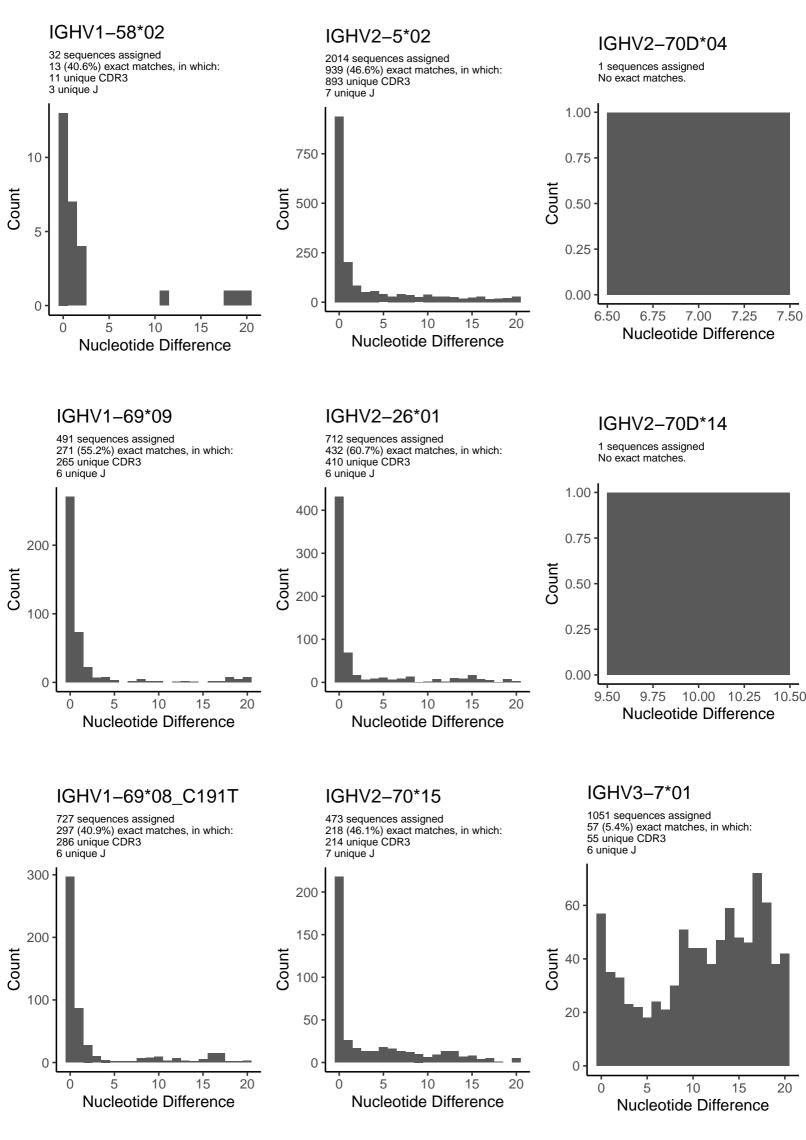
IGHV3-49*03_T262C- Final 3 nucleotides as a triplet

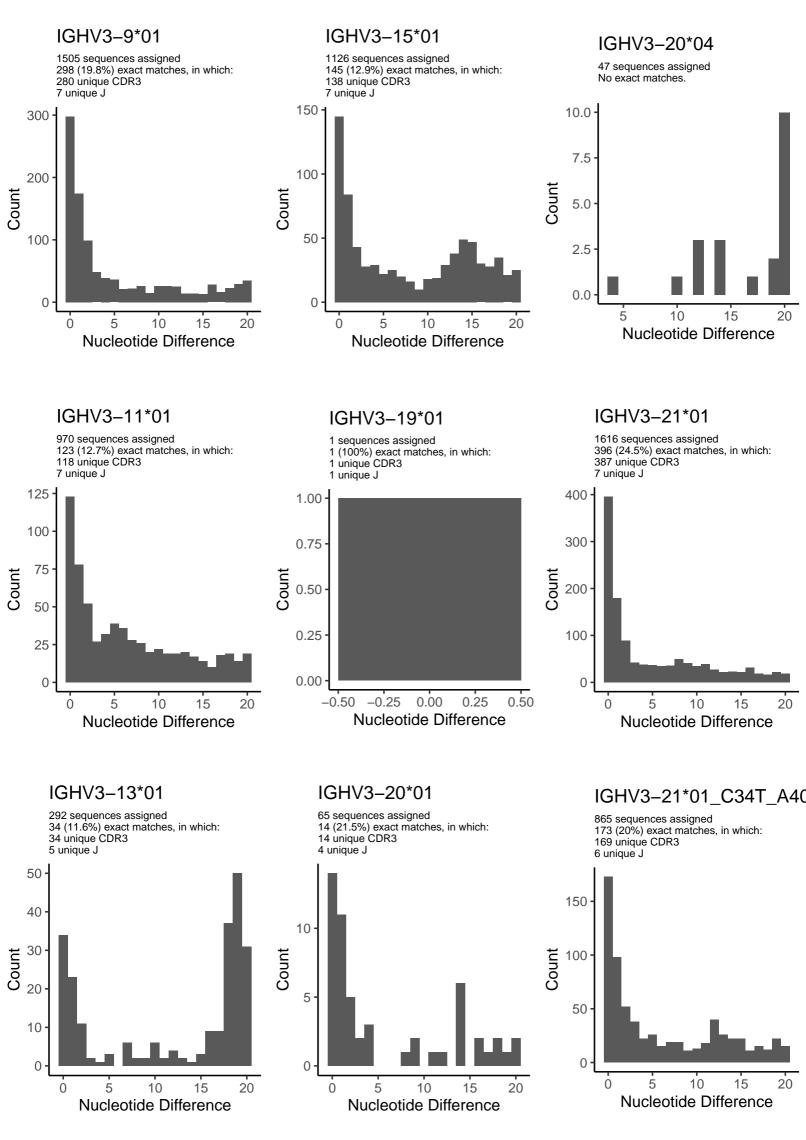


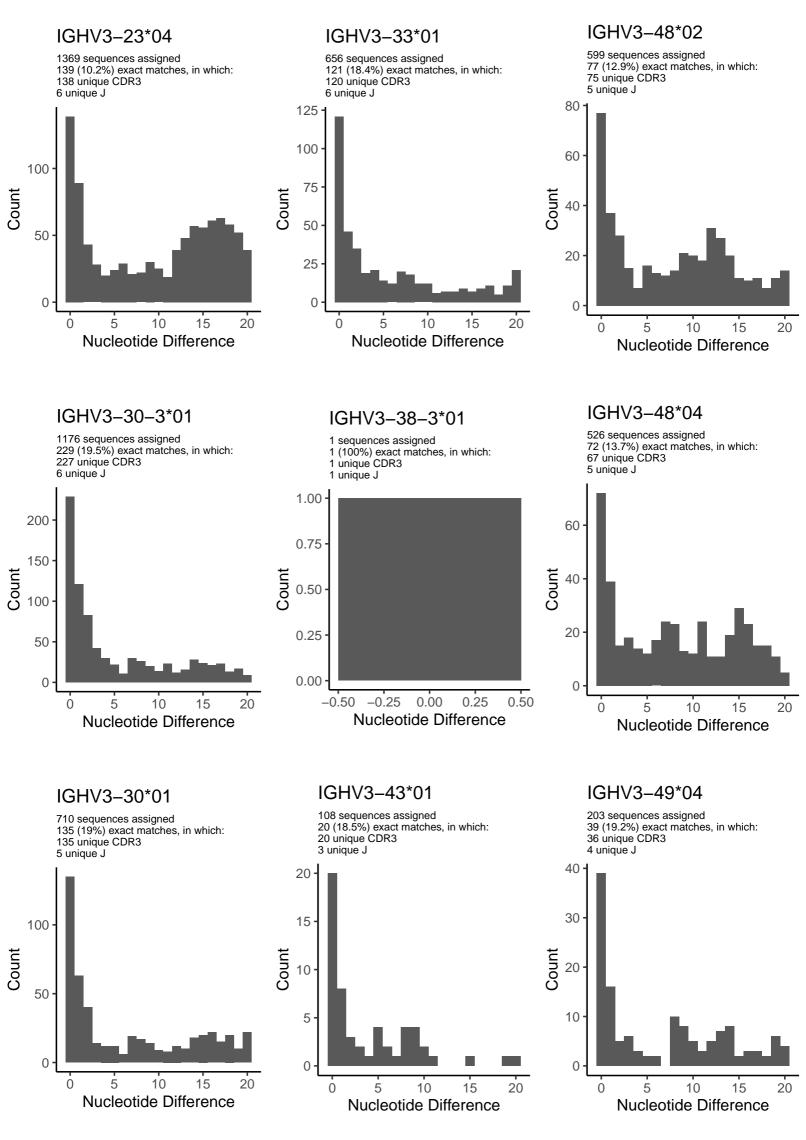
IGHV1-69*08_C191T- Final 3 nucleotides as a triplet

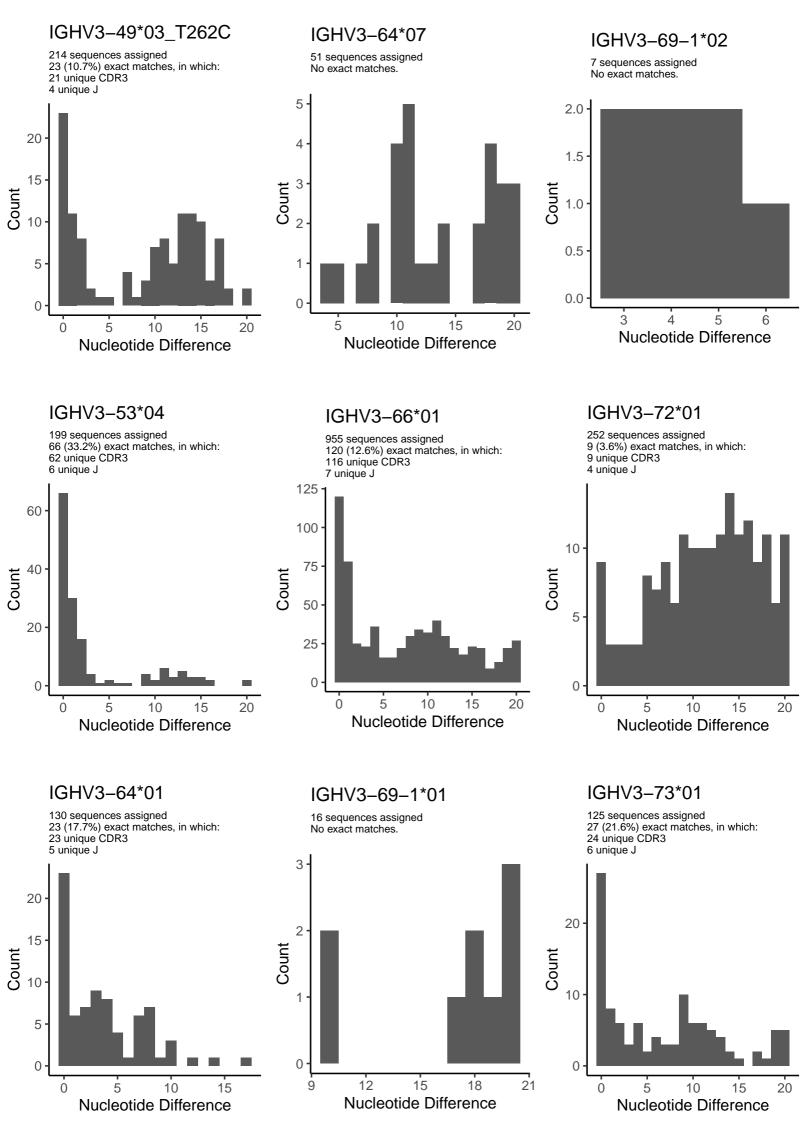


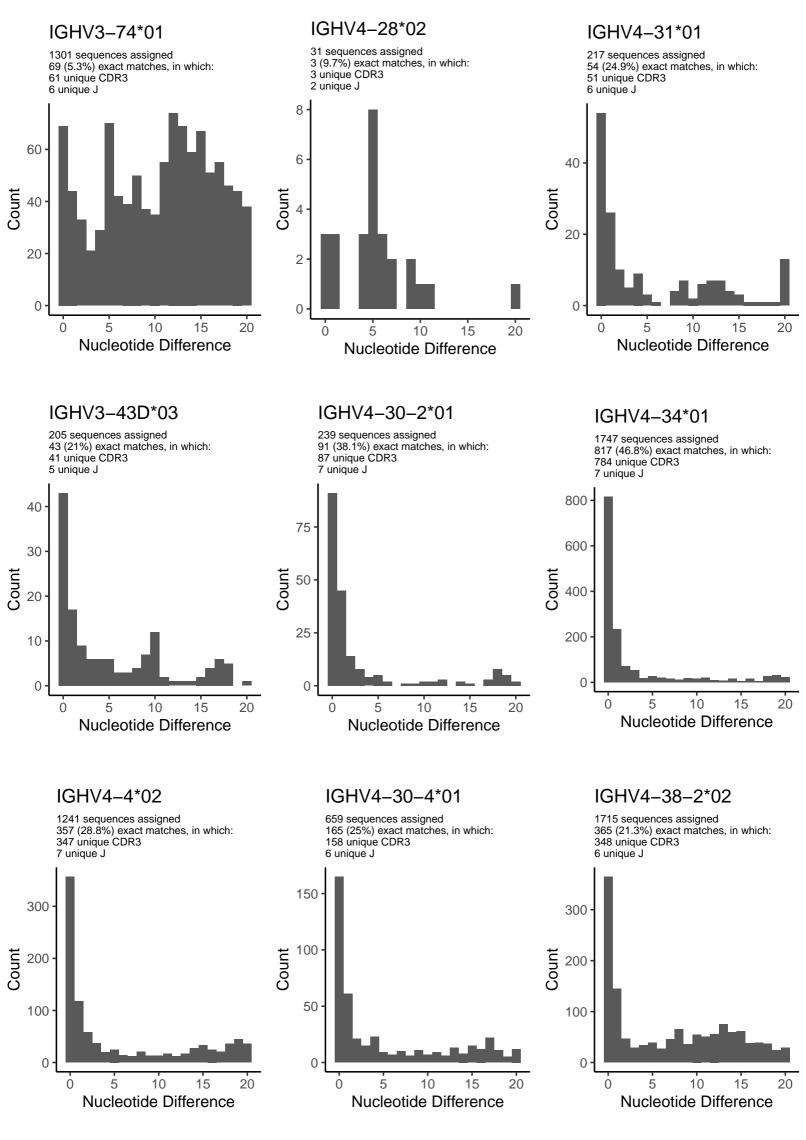


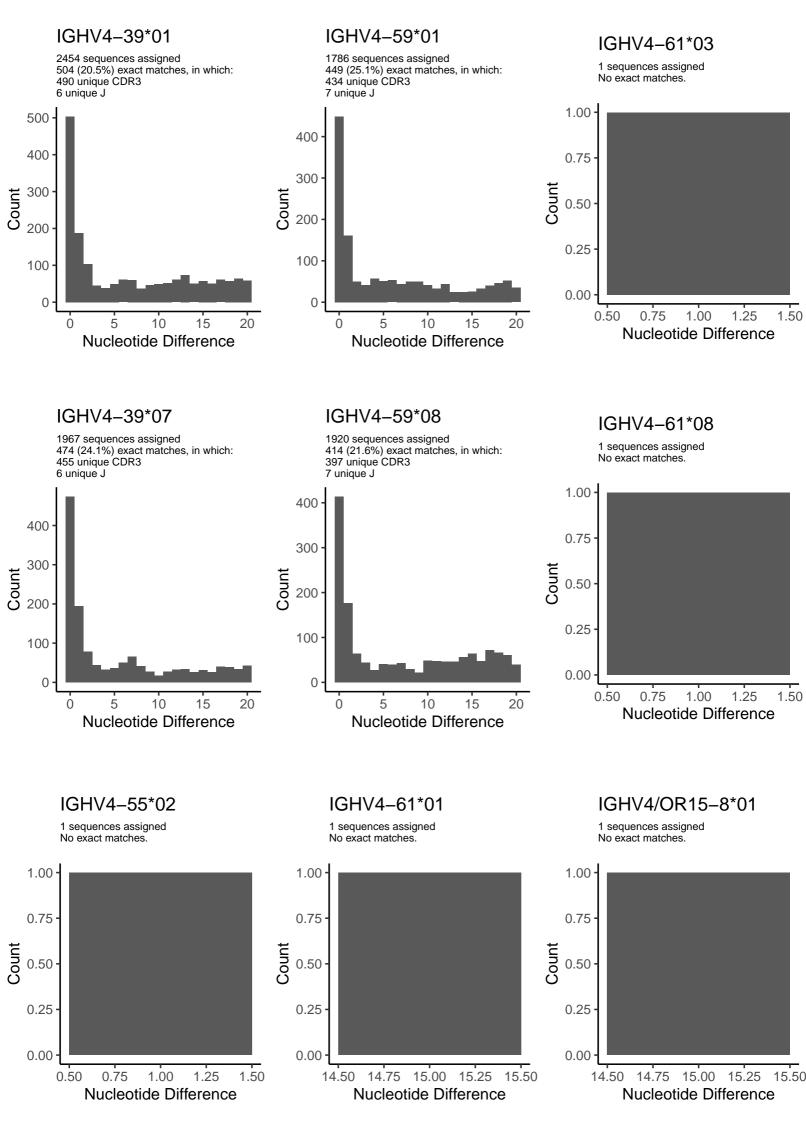






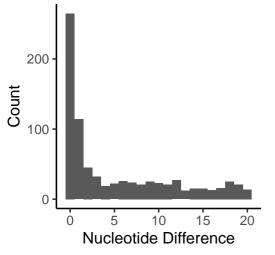






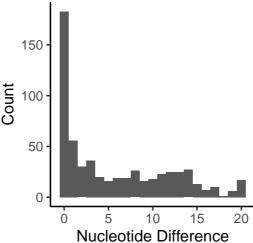
IGHV5-51*01

974 sequences assigned 265 (27.2%) exact matches, in which: 257 unique CDR3 7 unique J



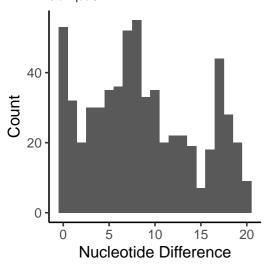
IGHV7-4-1*02

728 sequences assigned 183 (25.1%) exact matches, in which: 179 unique CDR3 6 unique J



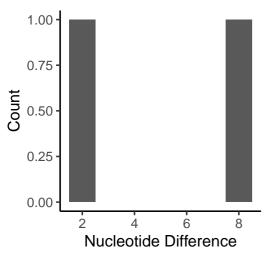
IGHV6-1*01

715 sequences assigned 53 (7.4%) exact matches, in which: 50 unique CDR3 5 unique J

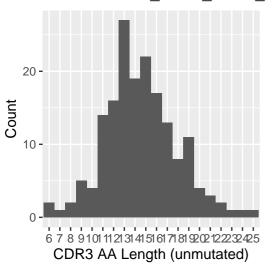


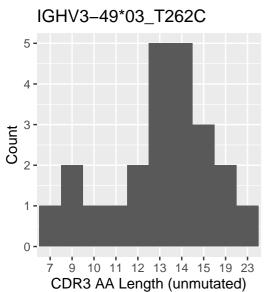
IGHV3/OR16-9*01

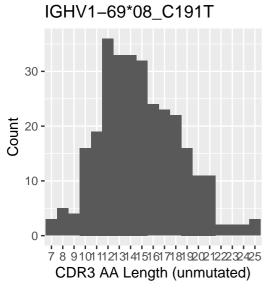
2 sequences assigned No exact matches.

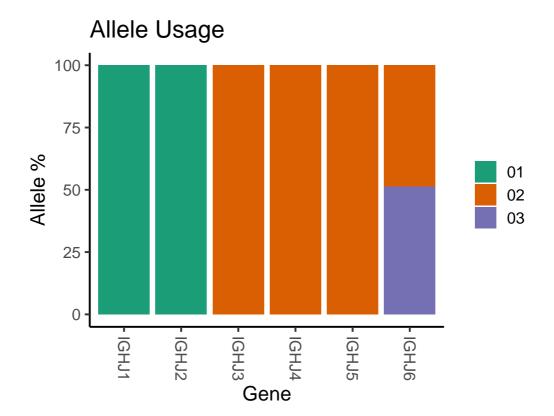


IGHV3-21*01_C34T_A40C_C90T_A112T_C114G_A119G_A210C









Sequence Count by IGHJ6 allele usage



Warning - no inferred sequences found. Warning - no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found. Warning – no inferred sequences found. Warning – no inferred sequences found. Warning - no inferred sequences found. Warning - no inferred sequences found. Warning - no inferred sequences found. Warning – no inferred sequences found.