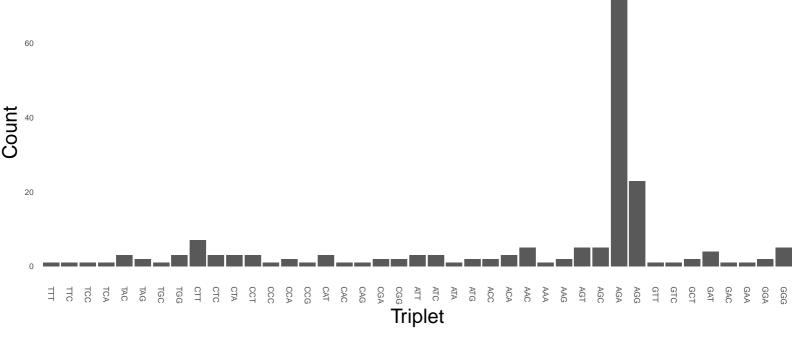
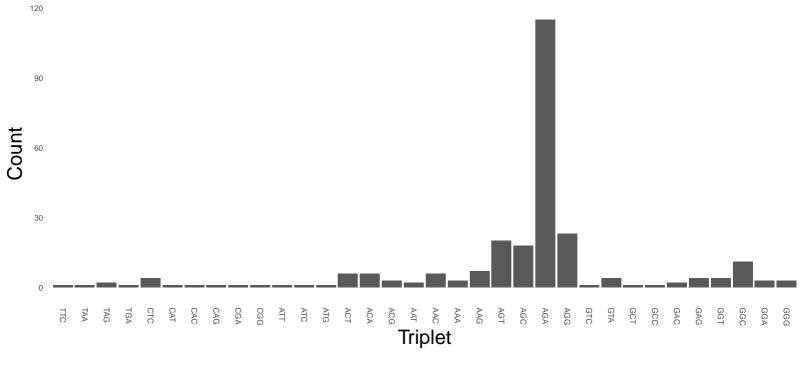
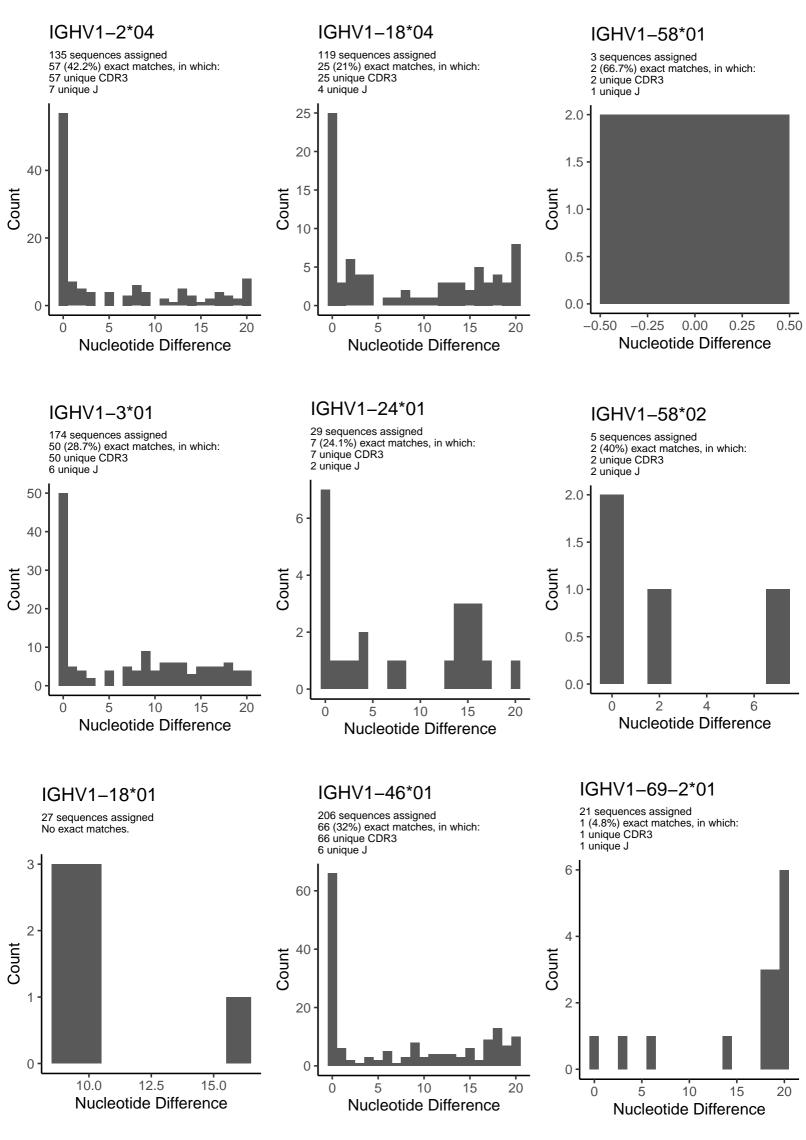


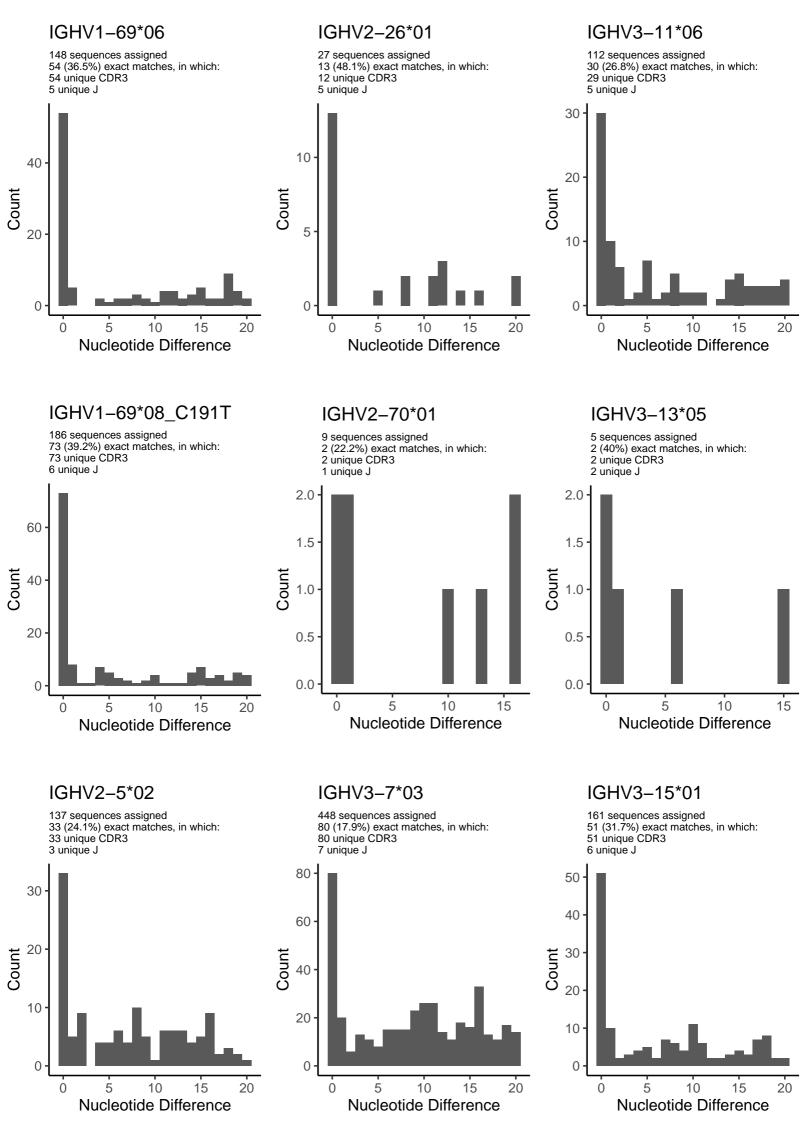
IGHV1-69*08_C191T- Final 3 nucleotides as a triplet

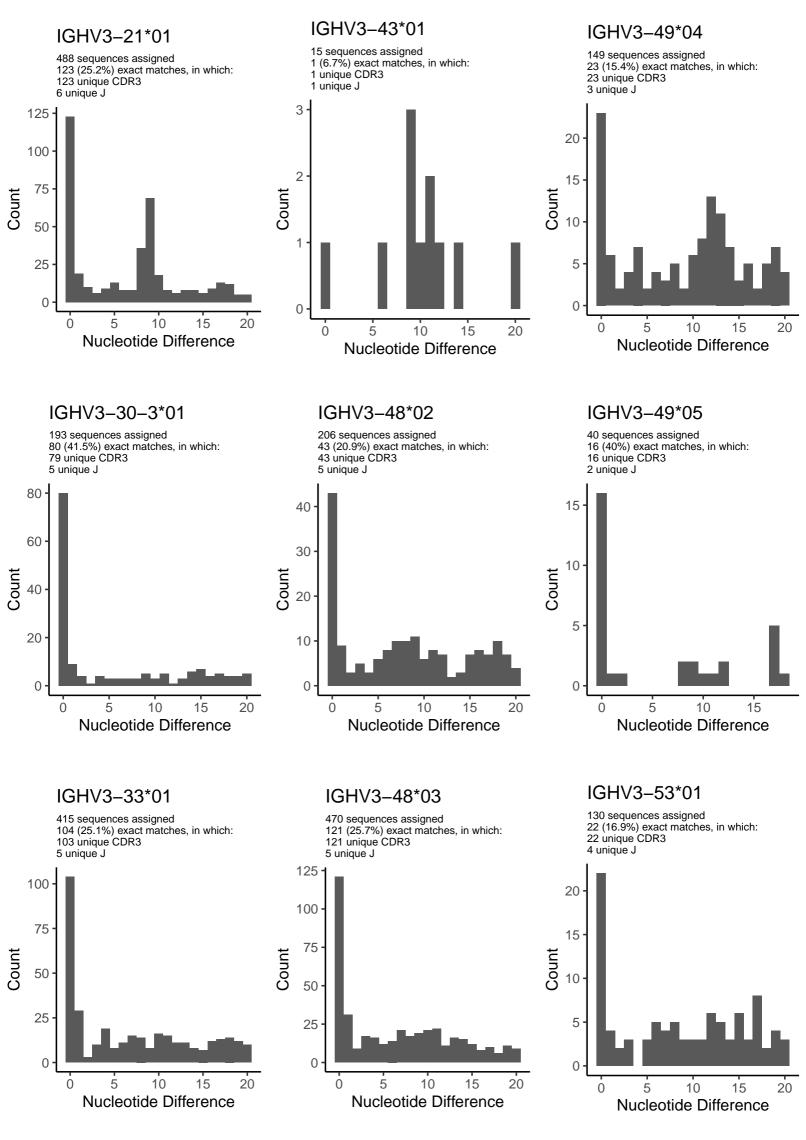


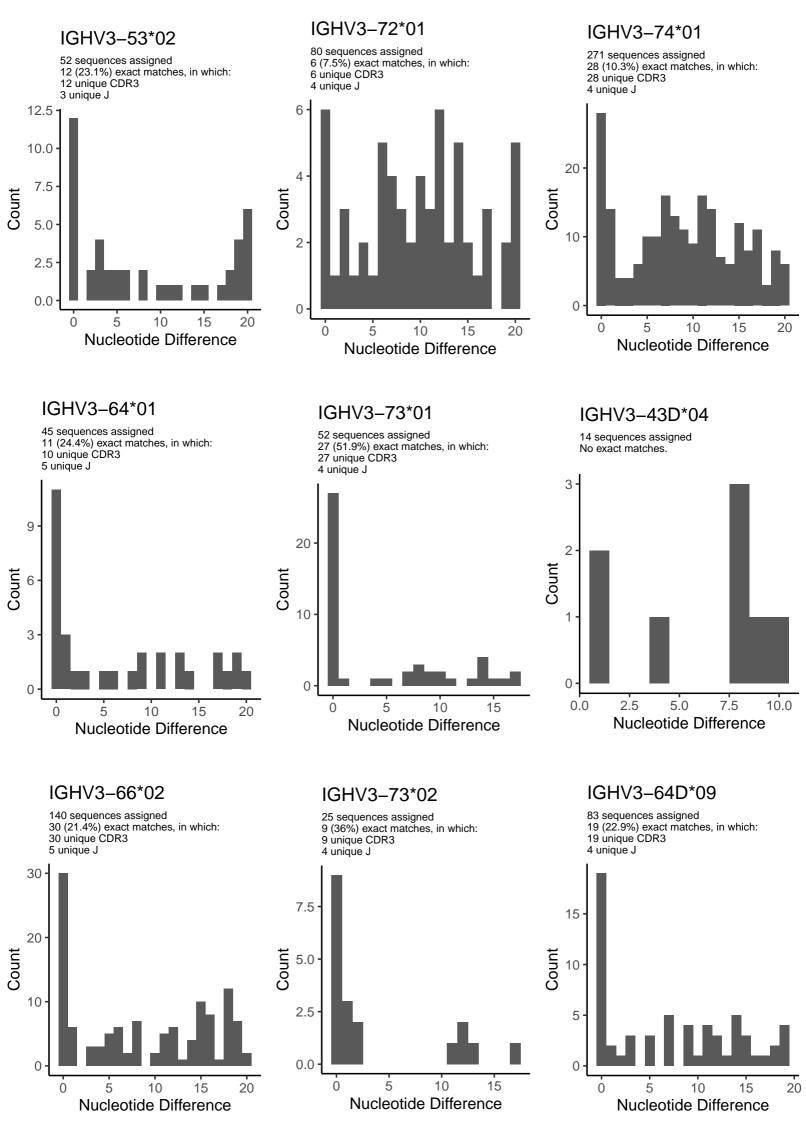
IGHV4-38-2*02_A70G- Final 3 nucleotides as a triplet

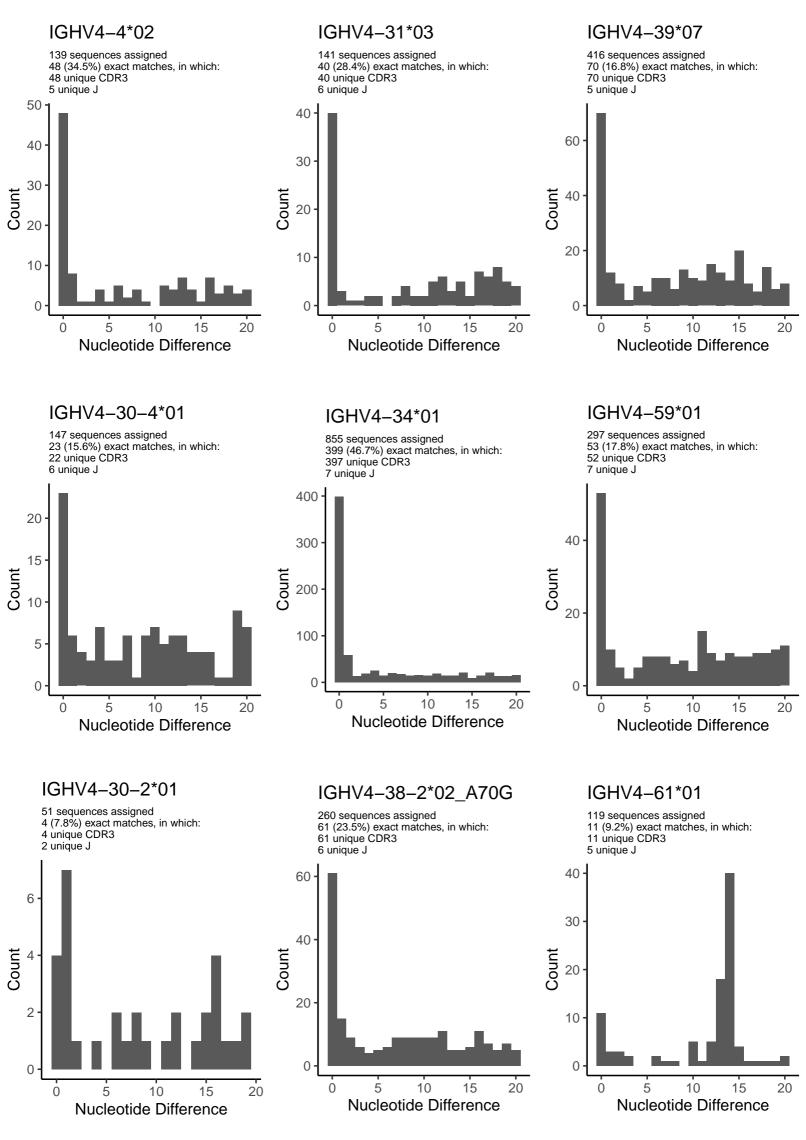






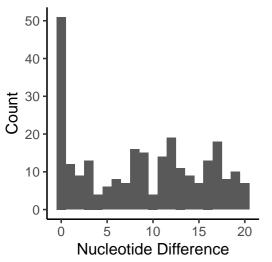






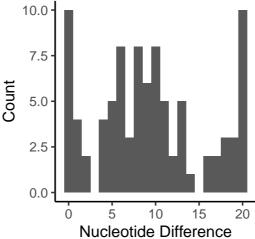
IGHV4-61*02

313 sequences assigned 51 (16.3%) exact matches, in which: 51 unique CDR3 6 unique J



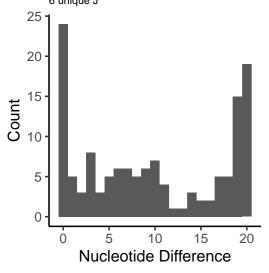
IGHV6-1*01

132 sequences assigned 10 (7.6%) exact matches, in which: 10 unique CDR3 2 unique J



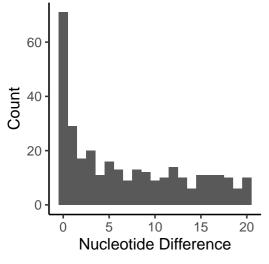
IGHV5-10-1*03

149 sequences assigned 24 (16.1%) exact matches, in which: 24 unique CDR3 6 unique J

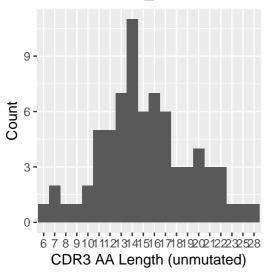


IGHV5-51*01

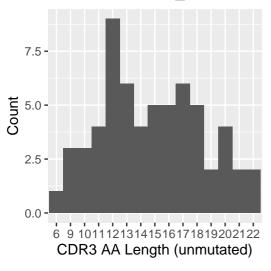
388 sequences assigned 71 (18.3%) exact matches, in which: 70 unique CDR3 6 unique J

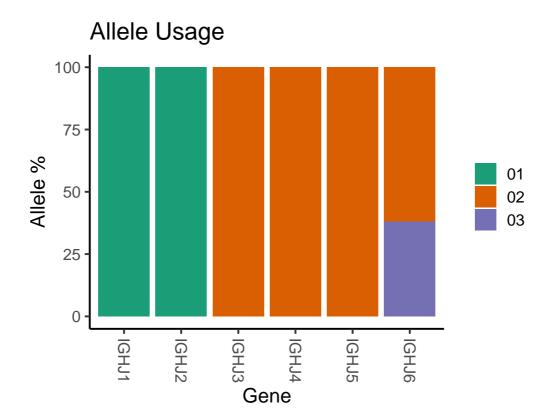


IGHV1-69*08_C191T

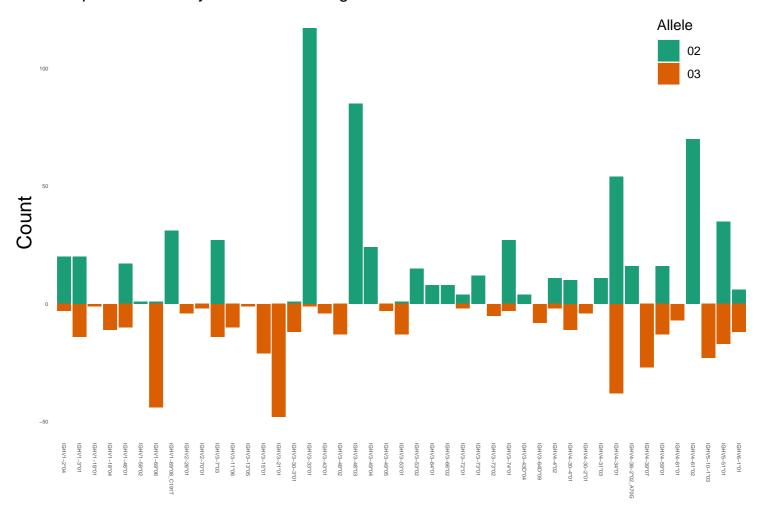


IGHV4-38-2*02_A70G





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.	
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.	
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.	