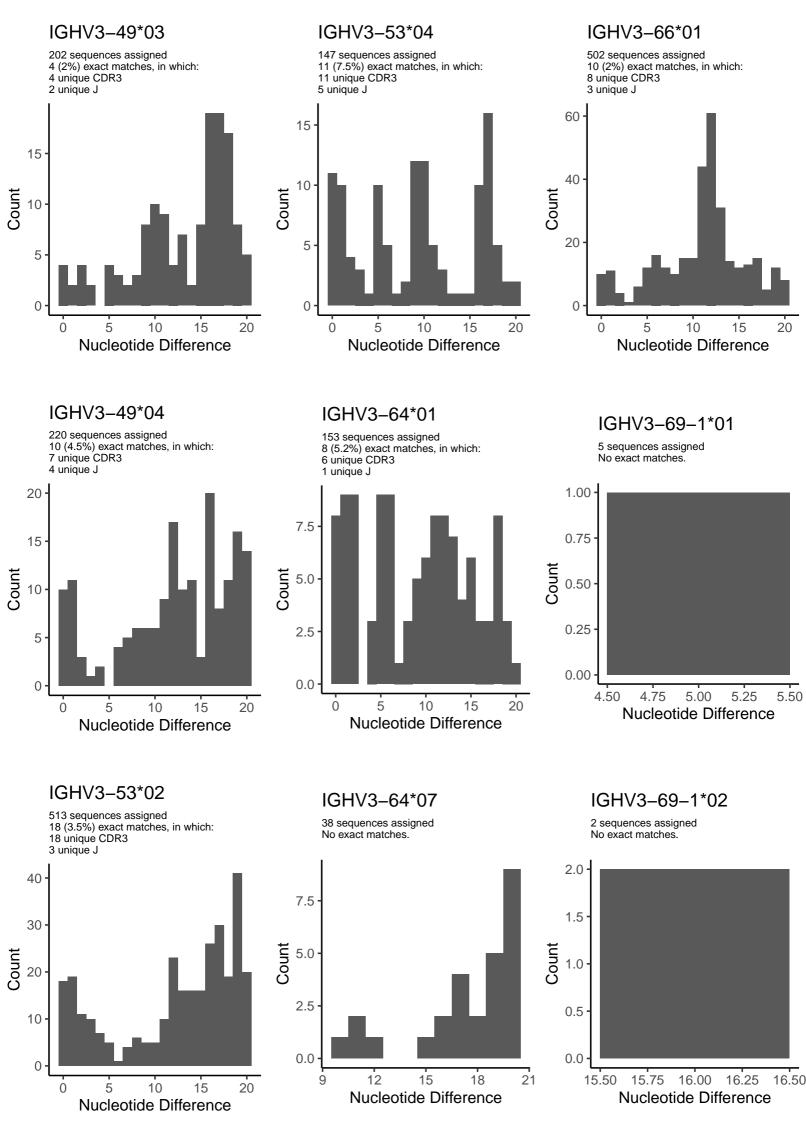
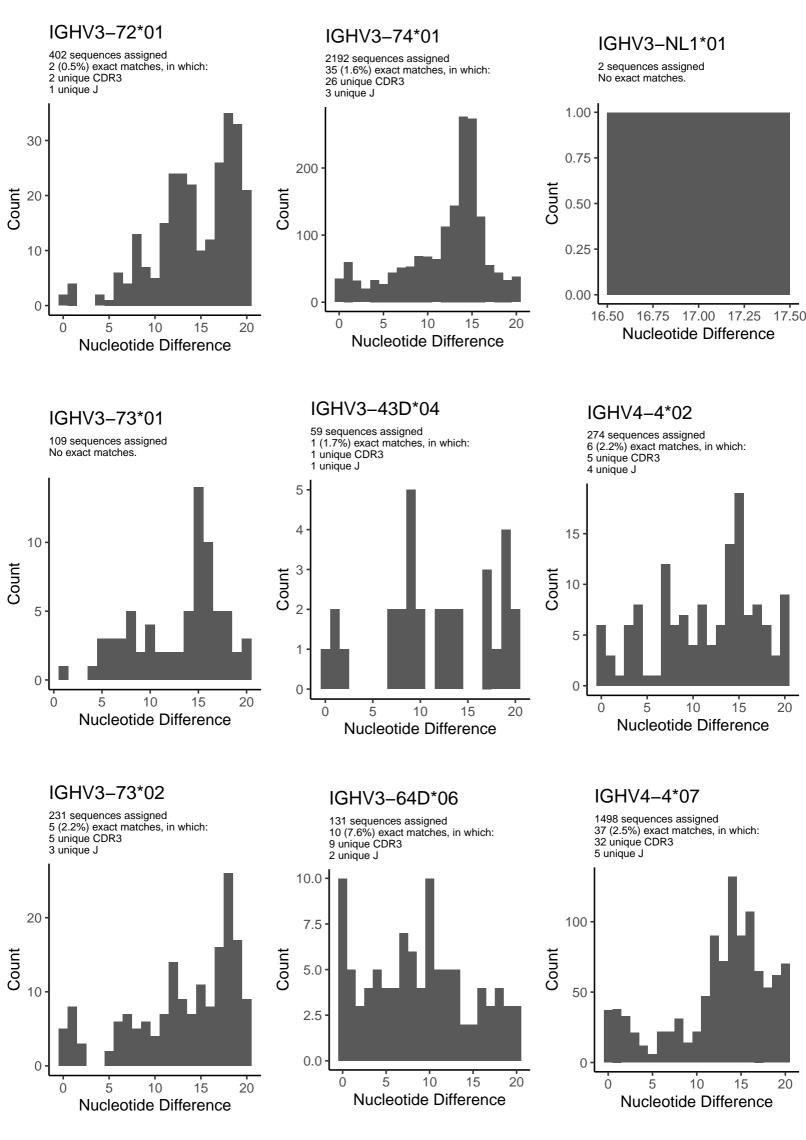
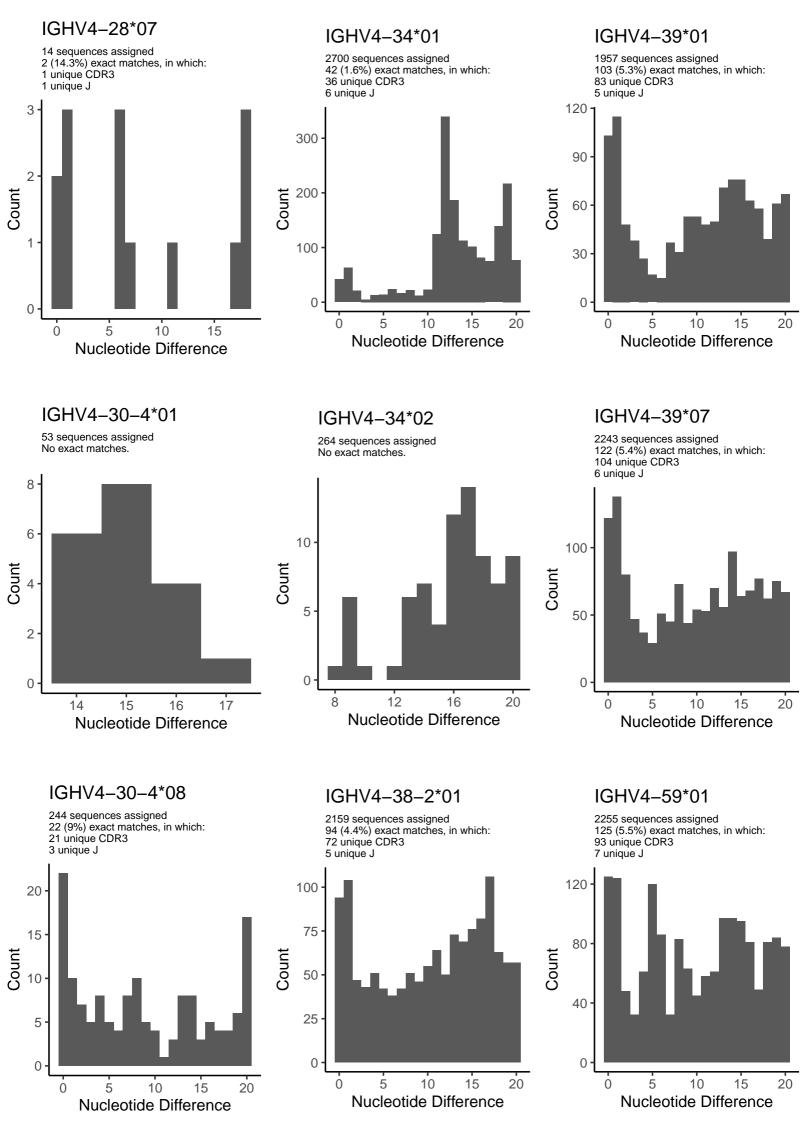
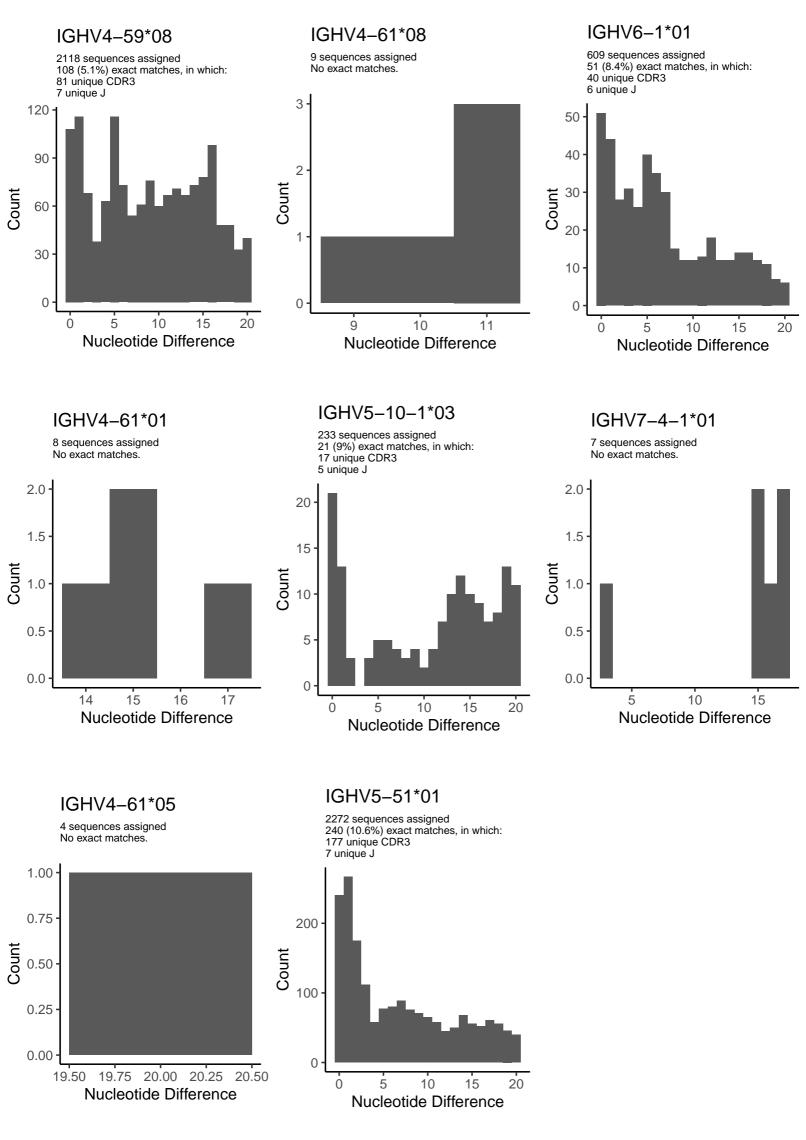


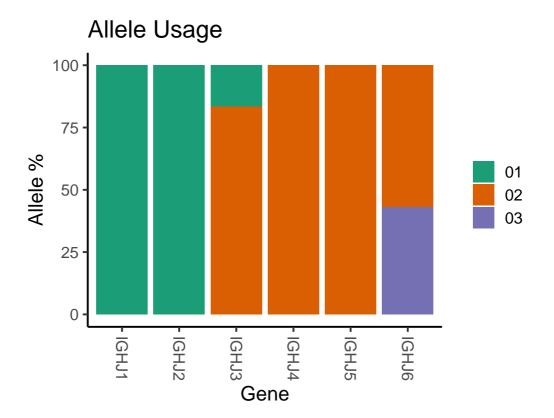
IGHV3-43*01 IGHV3-15*01 IGHV3-23*04 63 sequences assigned 2 (3.2%) exact matches, in which: 2 unique CDR3 512 sequences assigned 1265 sequences assigned 16 (3.1%) exact matches, in which: 15 unique CDR3 76 (6%) exact matches, in which: 57 unique CDR3 2 unique J 5 unique J 4 unique J 125 100 20 75 3 Count Count Count 50 2 25 0 0 0 15 5 10 20 0 0 10 15 20 5 0 Nucleotide Difference **Nucleotide Difference** Nucleotide Difference IGHV3-20*04 IGHV3-30-3*01 IGHV3-48*03 1021 sequences assigned 54 (5.3%) exact matches, in which: 1236 sequences assigned 47 (3.8%) exact matches, in which: 153 sequences assigned 6 (3.9%) exact matches, in which: 6 unique CDR3 39 unique CDR3 42 unique CDR3 4 unique J 3 unique J 5 unique J 60 40 10 40 Count Count Count 20 5 20 0 0 0 10 15 10 15 20 10 15 20 0 5 20 0 5 0 5 Nucleotide Difference Nucleotide Difference Nucleotide Difference IGHV3-33*08 IGHV3-48*04 IGHV3-21*01 724 sequences assigned 758 sequences assigned 1363 sequences assigned 28 (3.9%) exact matches, in which: 47 (6.2%) exact matches, in which: 141 (10.3%) exact matches, in which: 23 unique CDR3 39 unique CDR3 95 unique CDR3 5 unique J 7 unique J 7 unique J 150 40 40 30 100 30 Count 20 20 50 10 10 0 0 0 10 15 20 5 0 5 10 15 20 10 15 20 **Nucleotide Difference** Nucleotide Difference **Nucleotide Difference**











Sequence Count by IGHJ6 allele usage



Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
Varning – no inferred sequences found.			
vanning – no interred sequences lound.			