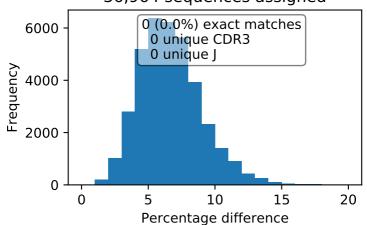
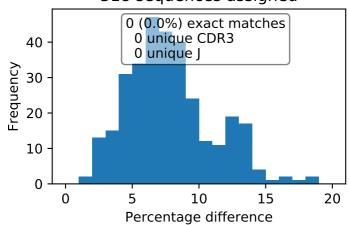
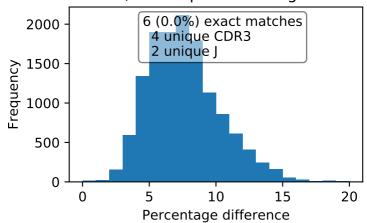
## Gene IGHV1-10\*01 36,964 sequences assigned



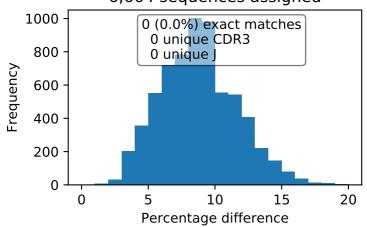
### Gene IGHV1-10\*02 318 sequences assigned



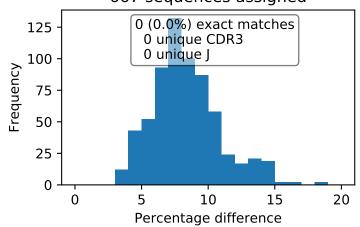
# Gene IGHV1-14\*01 13,362 sequences assigned



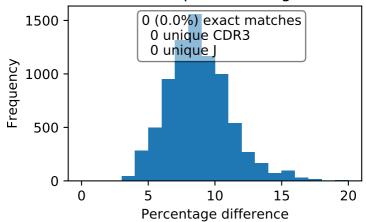
### Gene IGHV1-14\*02 6,664 sequences assigned



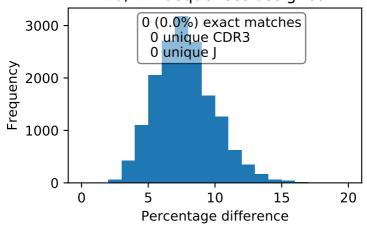
### Gene IGHV1-14\*03 667 sequences assigned



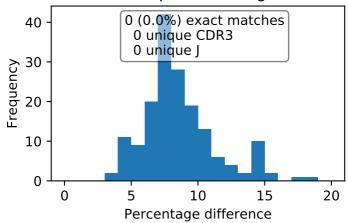
### Gene IGHV1-17\*01 8,022 sequences assigned



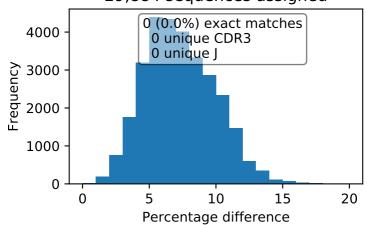
# Gene IGHV1-20\*01 16,427 sequences assigned



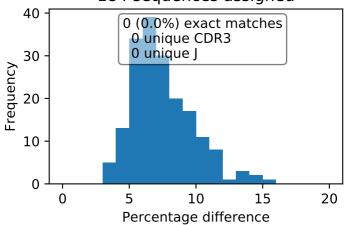
### Gene IGHV1-20\*02 170 sequences assigned



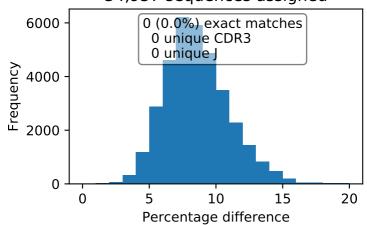
# Gene IGHV1-21\*01 29,884 sequences assigned



### Gene IGHV1-25\*01 184 sequences assigned



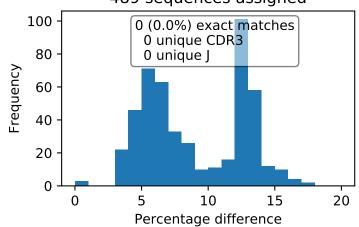
## Gene IGHV1-27\*01 34,957 sequences assigned



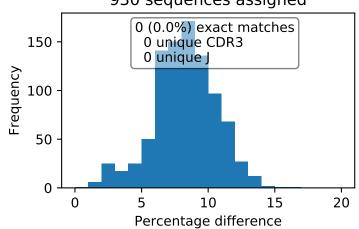
#### Gene IGHV1-30\*01 6,780 sequences assigned 0 (0.0%) exact matches 1000 0 unique CDR3 0 unique J 800 Frequency 600 400 200 15 Percentage difference

#### Gene IGHV1-30\*02 6,789 sequences assigned 1250 0 (0.0%) exact matches 0 unique CDR3 1000 0 unique J Frequency 750 500 250 Percentage difference

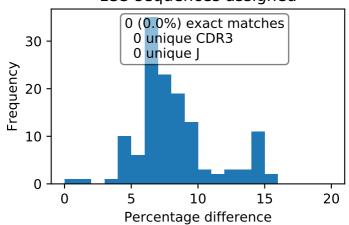
## Gene IGHV1-37\*01 489 sequences assigned



## Gene IGHV1-39\*01 930 sequences assigned



### Gene IGHV1-39\*03 133 sequences assigned



### Gene IGHV1-7\*01 6,661 sequences assigned 1500 0 (0.0%) exact matches 0 unique CDR3 0 unique J 1000 Frequency 500 Percentage difference

#### Gene IGHV1-7\*02 5,049 sequences assigned 1250 0 (0.0%) exact matches 0 unique CDR3 1000 0 unique J Frequency 750 500 250 15 20

Percentage difference