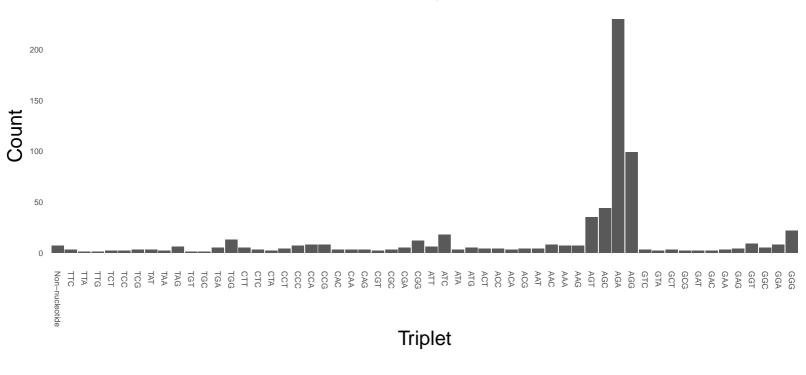
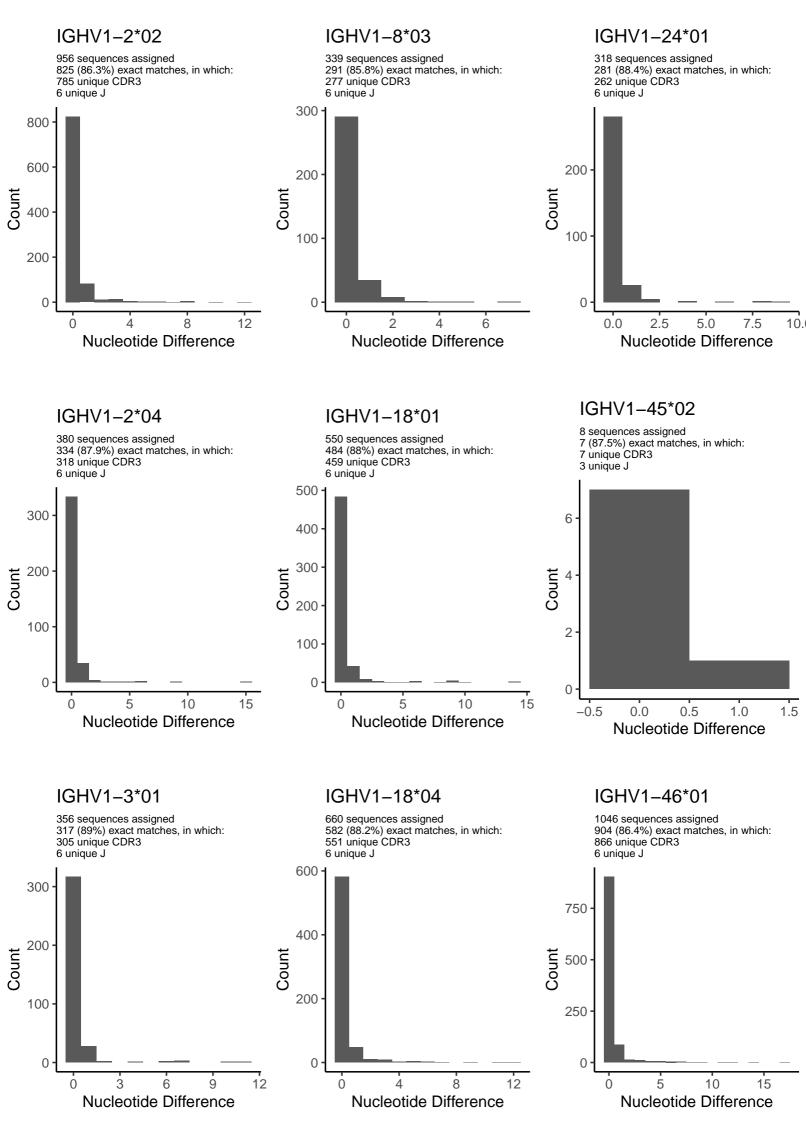
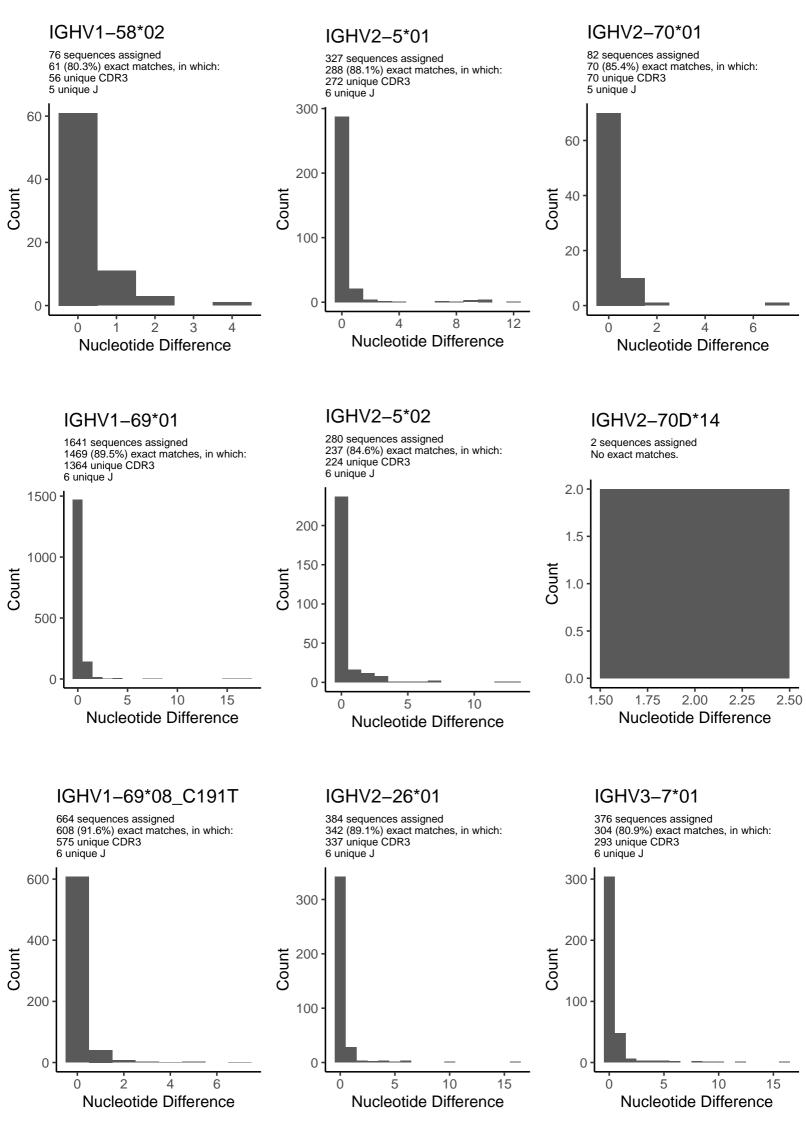
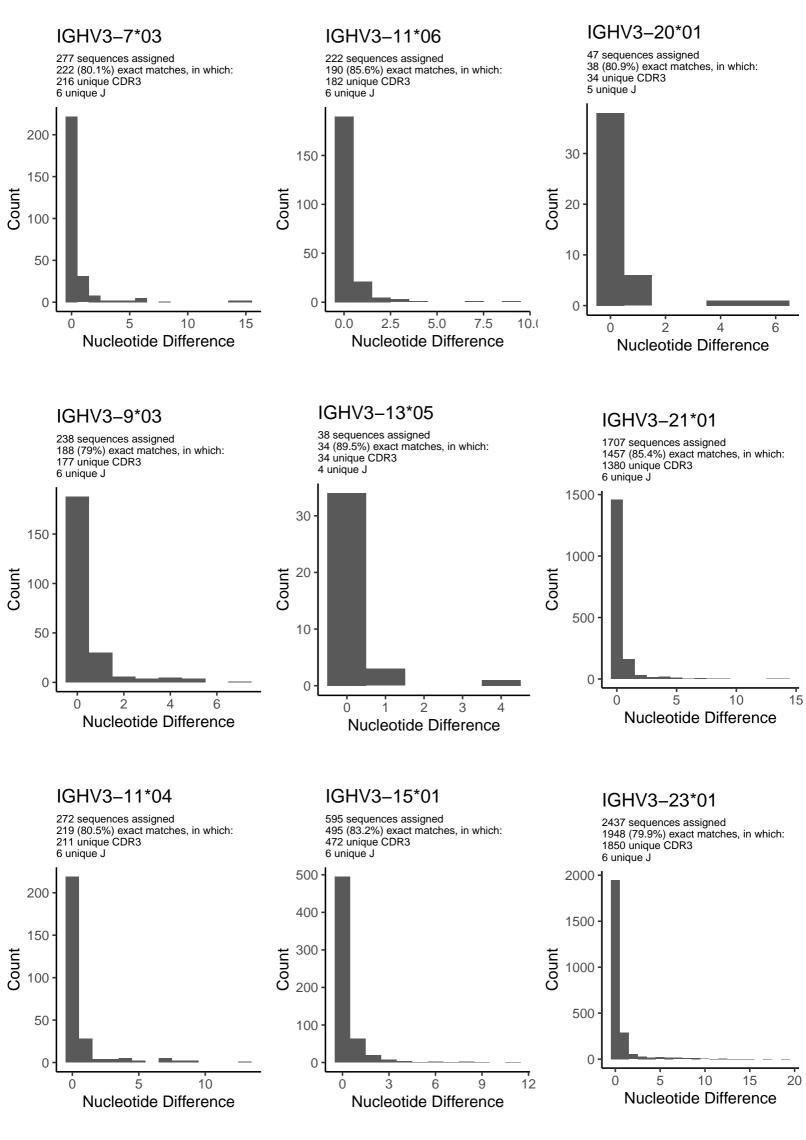


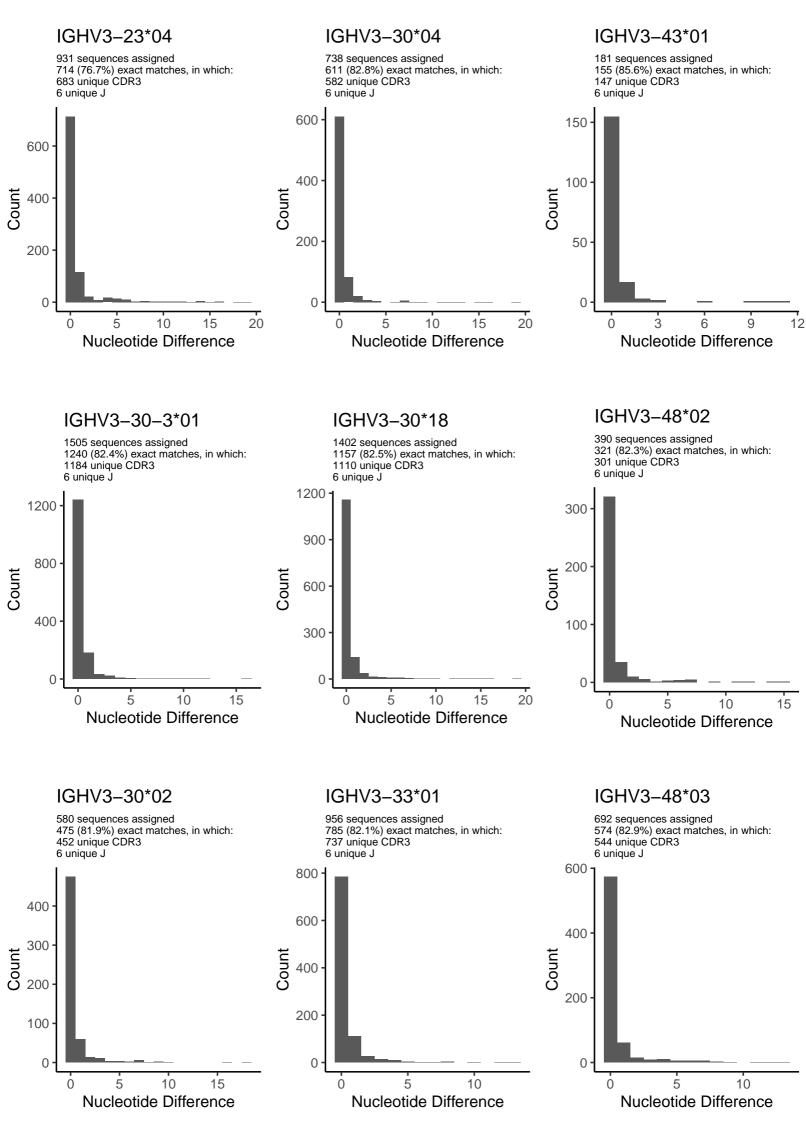
IGHV1-69\*08\_C191T- Final 3 nucleotides as a triplet

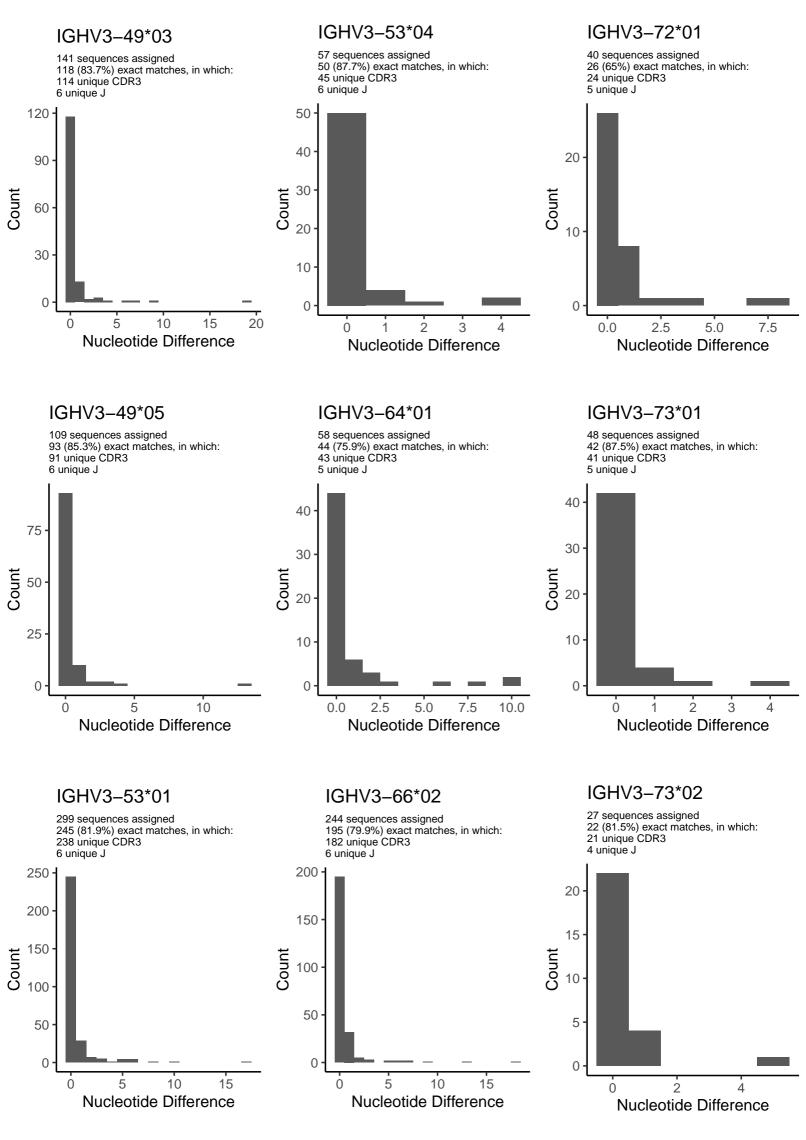


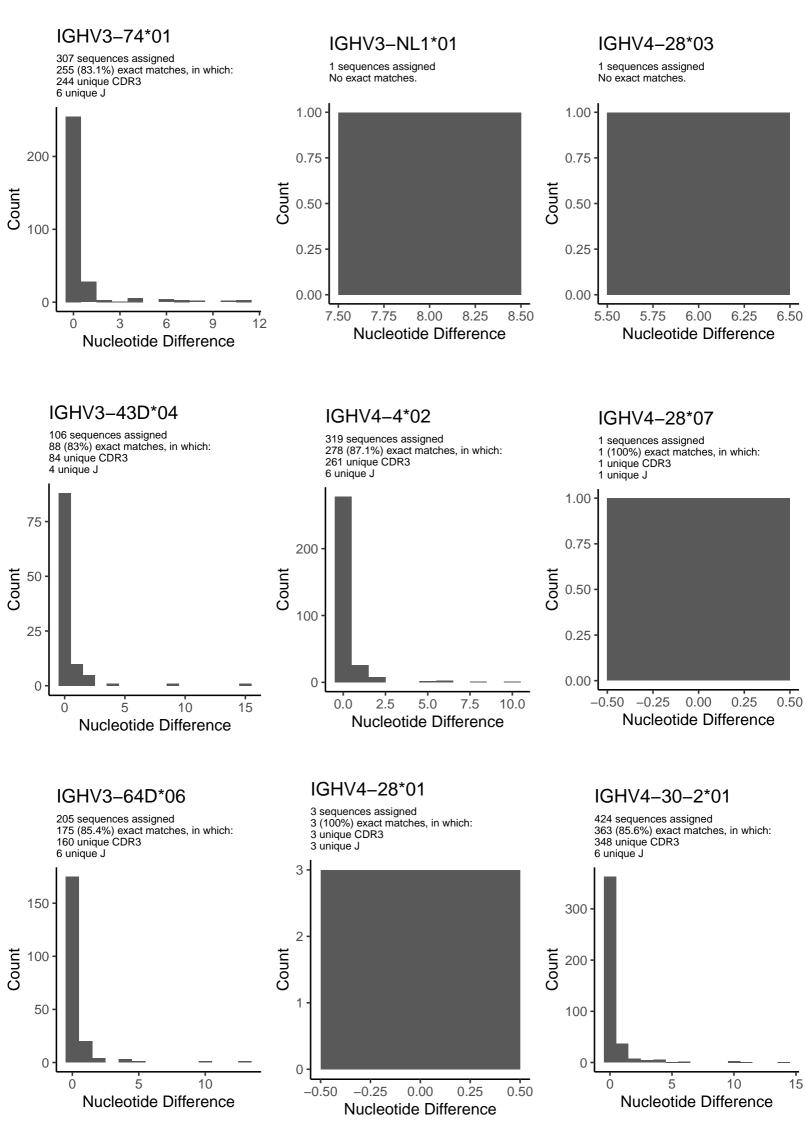


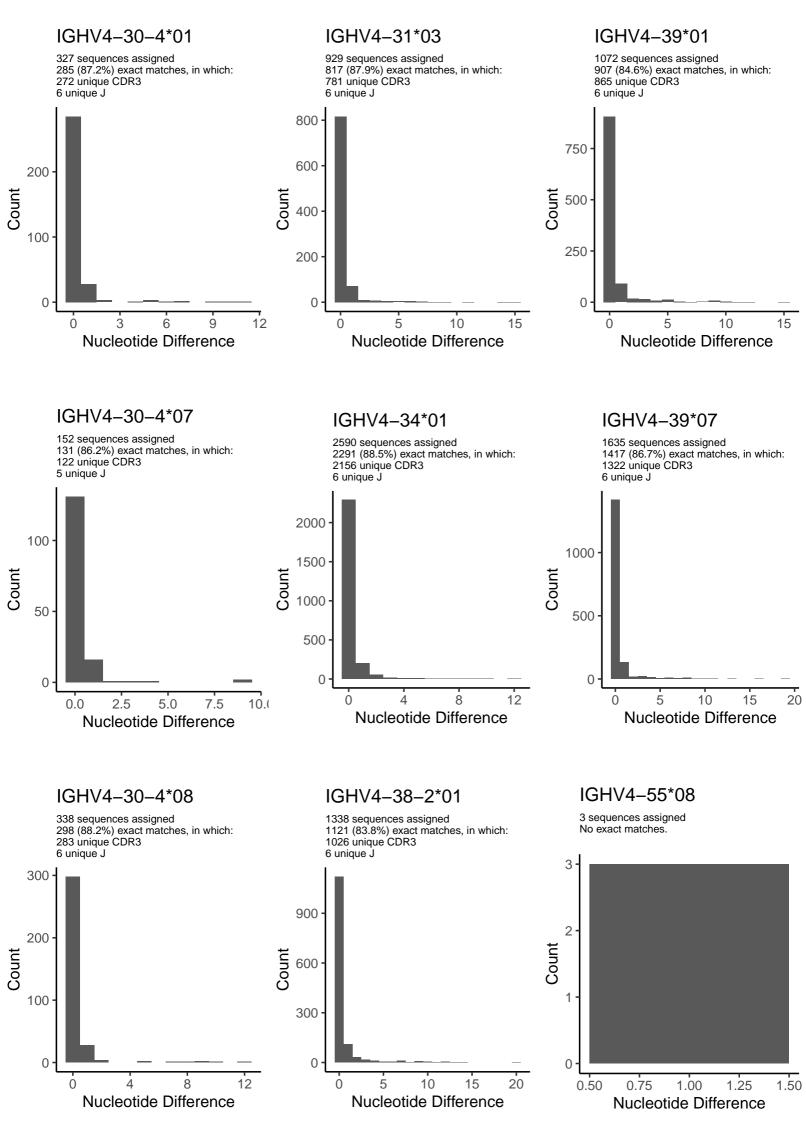


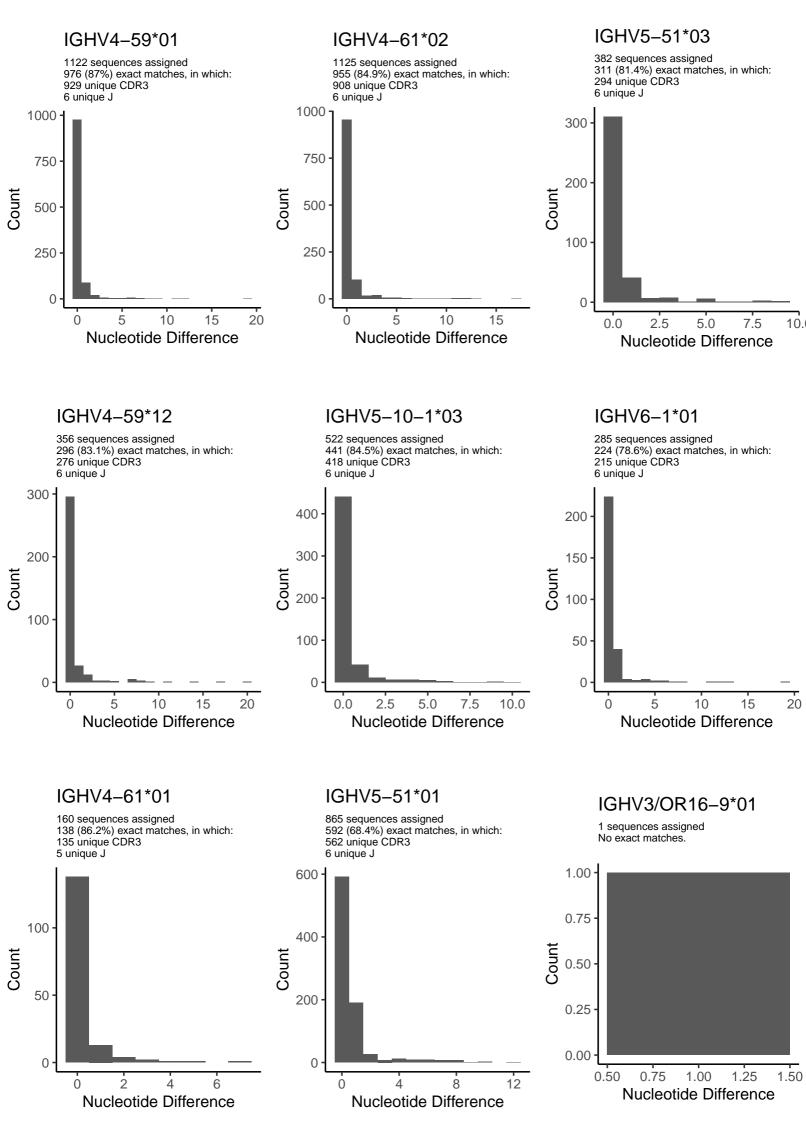






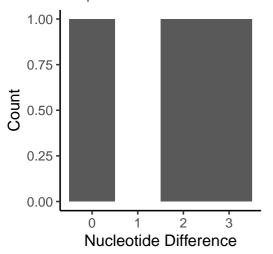






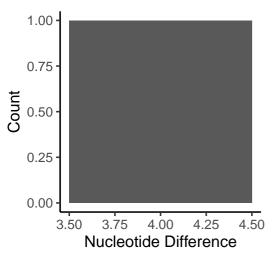
## IGHV7-4-1\*01

- 3 sequences assigned 1 (33.3%) exact matches, in which: 1 unique CDR3 1 unique J



## IGHV7-81\*01

1 sequences assigned No exact matches.



7891011234510789222245222890 CDR3 AA Length (unmutated)

