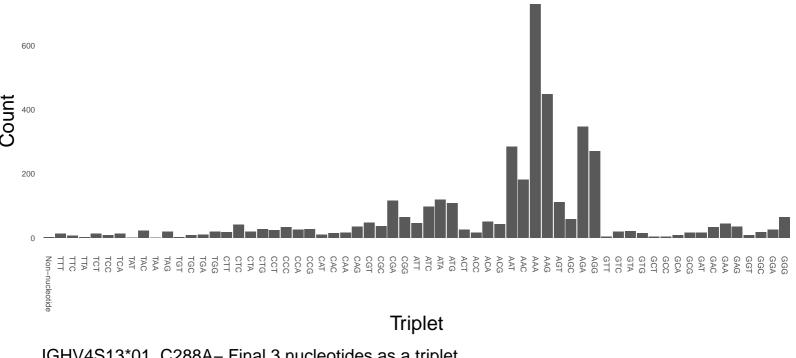
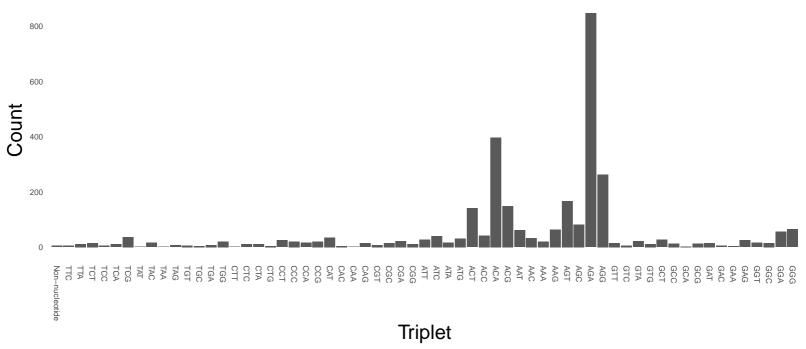


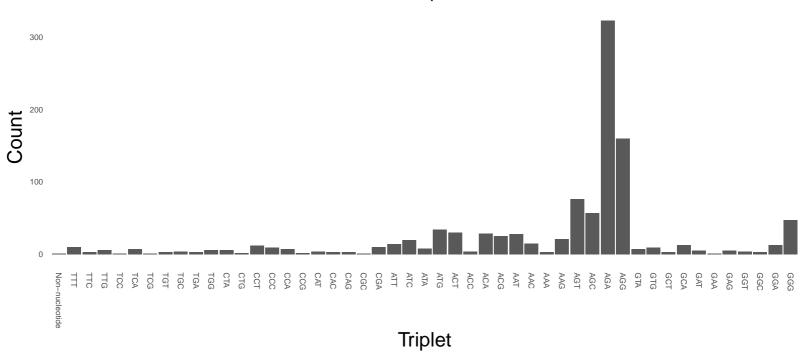
IGHV4-147\*01\_G82T\_G83A\_A162G\_C163T\_G164A\_A196T\_G197A\_C215A\_G297C- Final 3 nu



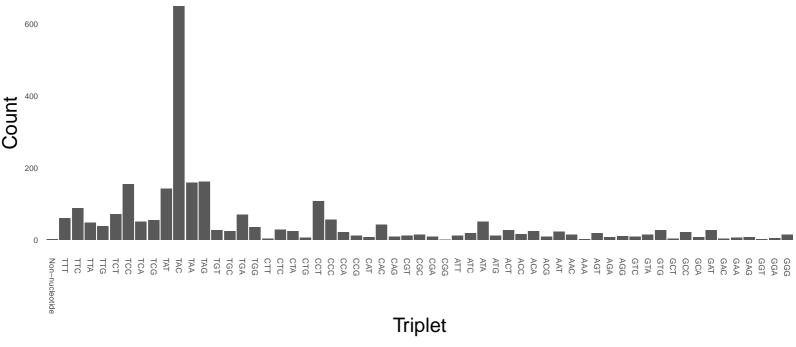
IGHV4S13\*01\_C288A- Final 3 nucleotides as a triplet



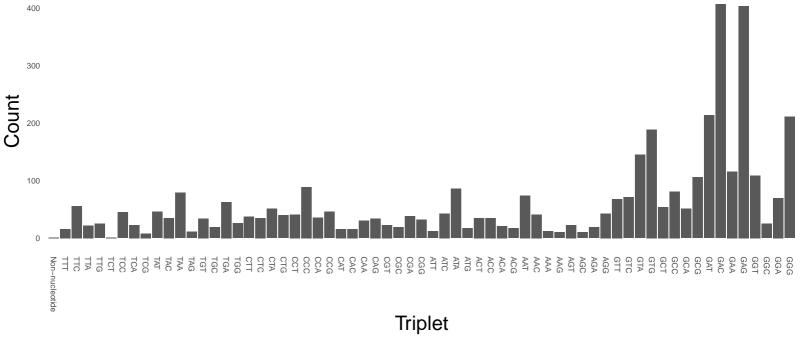
IGHV4S2\*01\_G248C- Final 3 nucleotides as a triplet



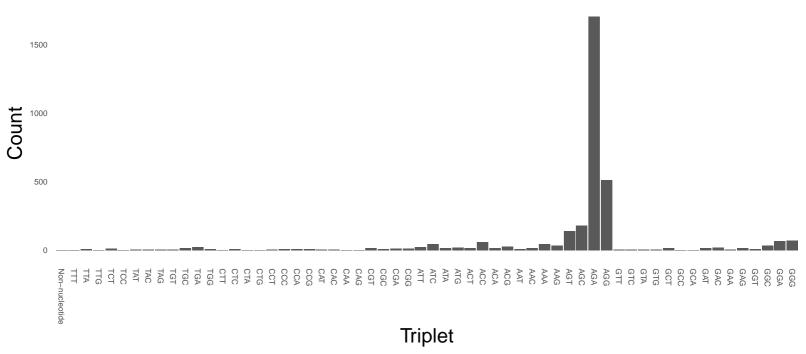
IGHV2-95\*01\_A267G- Final 3 nucleotides as a triplet



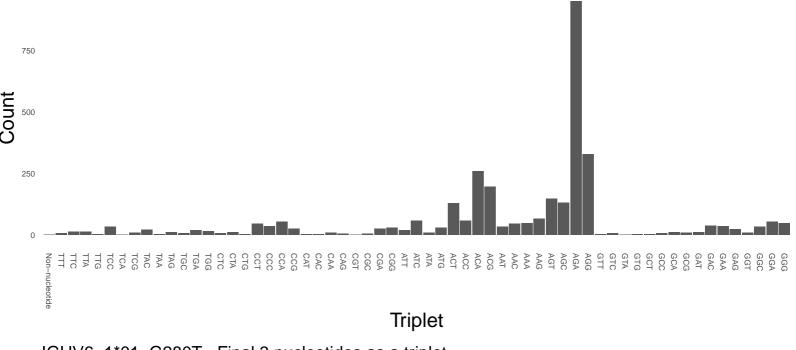
IGHV2-174\*01\_G289T- Final 3 nucleotides as a triplet



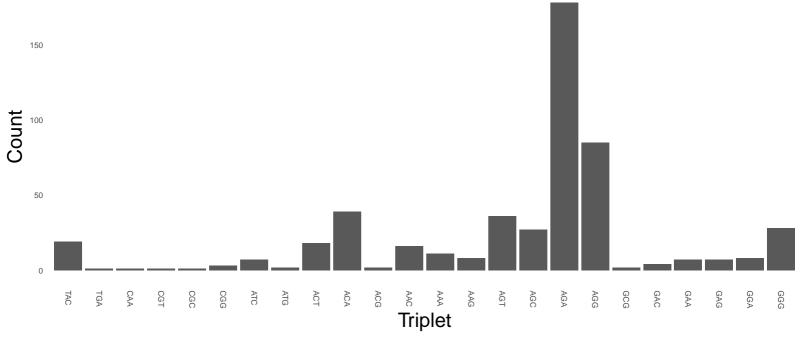
IGHV3-178\*01\_C27A\_A274G\_A277G- Final 3 nucleotides as a triplet



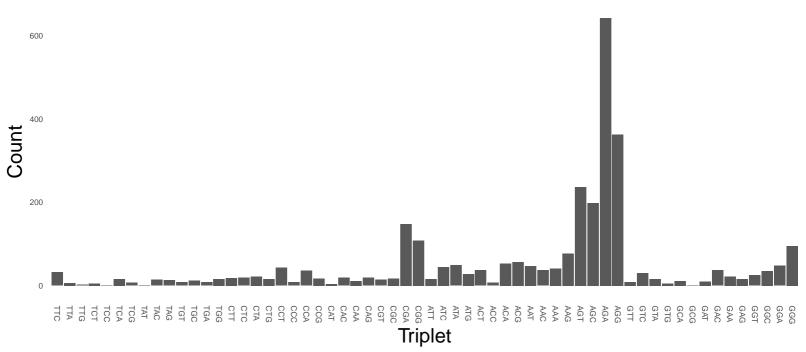
IGHV4-73\*01\_G147A- Final 3 nucleotides as a triplet

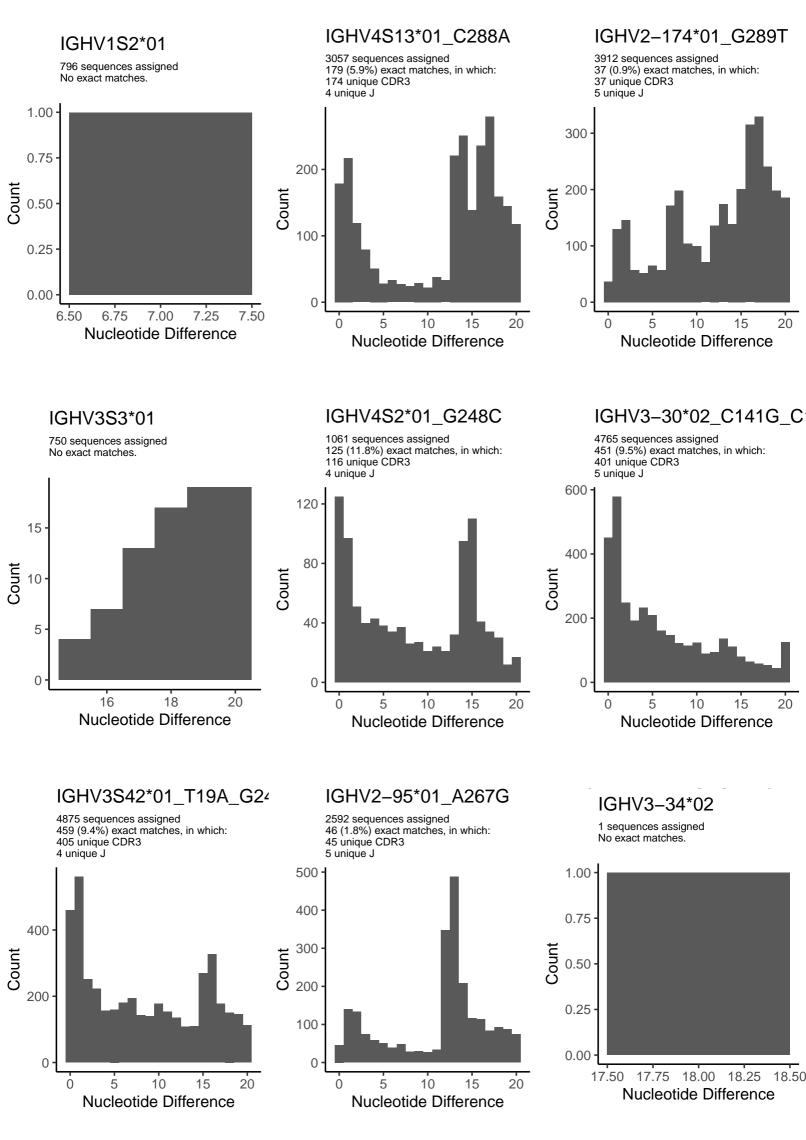


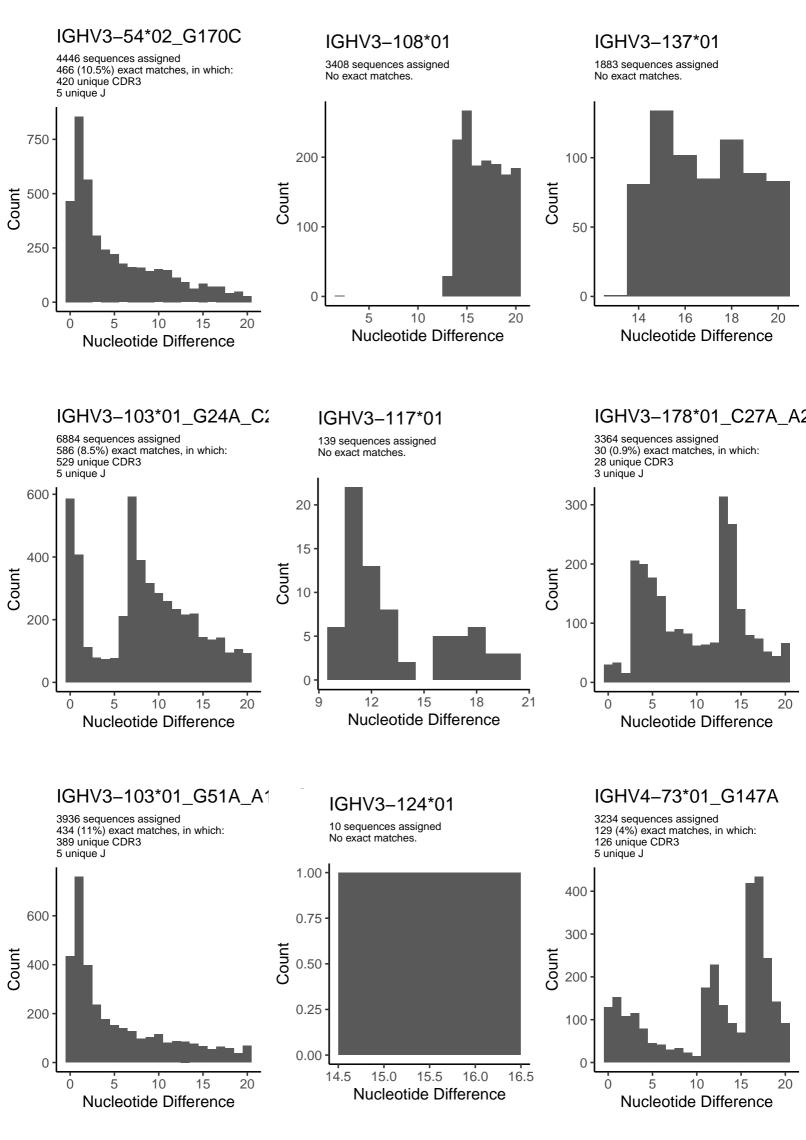
IGHV6-1\*01\_G280T- Final 3 nucleotides as a triplet

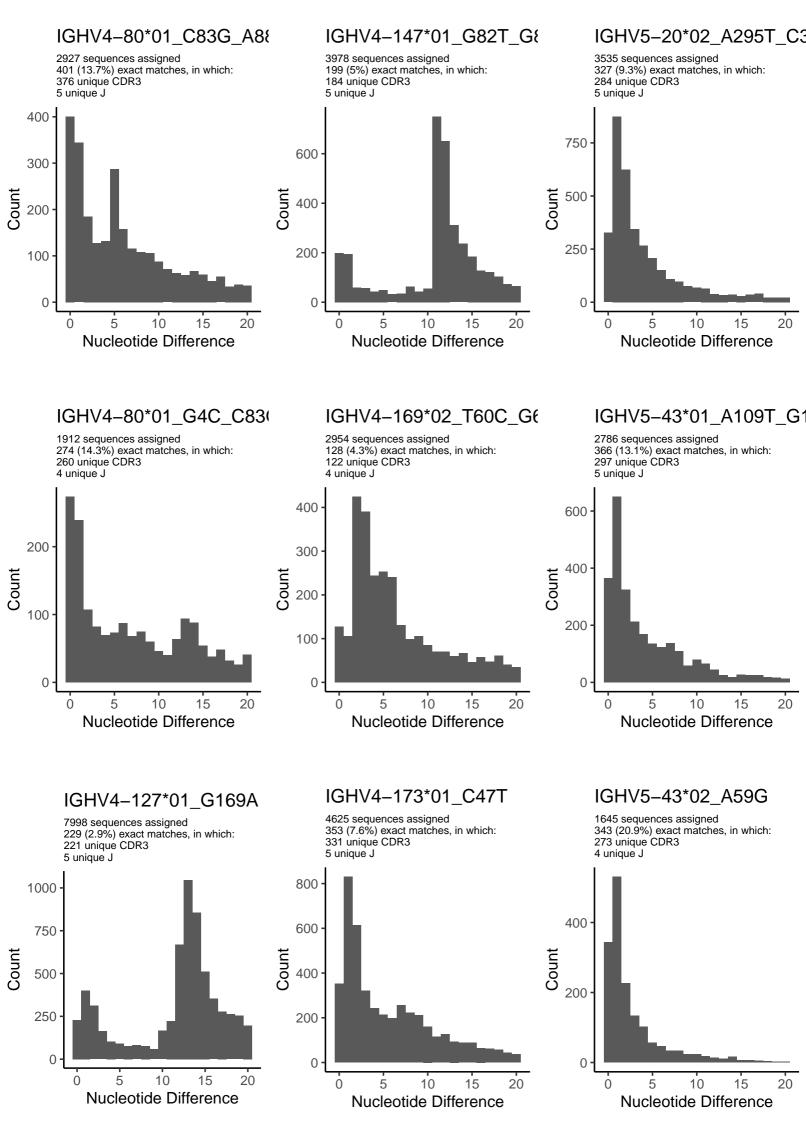


IGHV4-169\*02\_T60C\_G61C- Final 3 nucleotides as a triplet



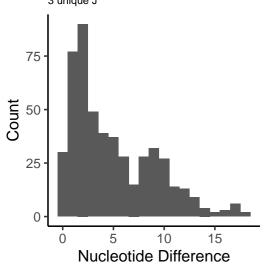






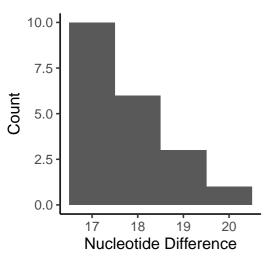
## IGHV6-1\*01\_G280T

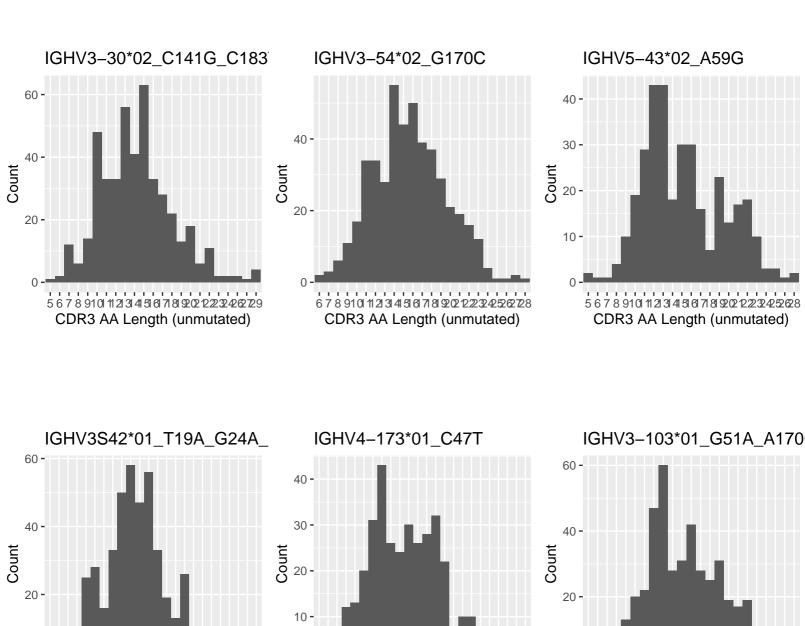
511 sequences assigned 30 (5.9%) exact matches, in which: 28 unique CDR3 3 unique J

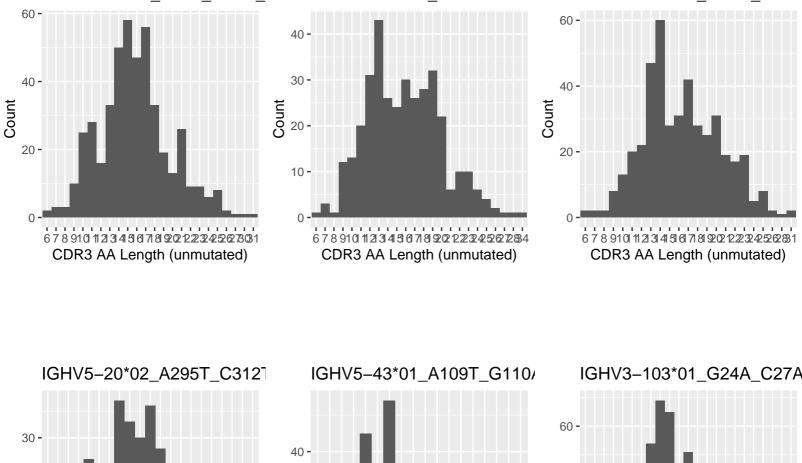


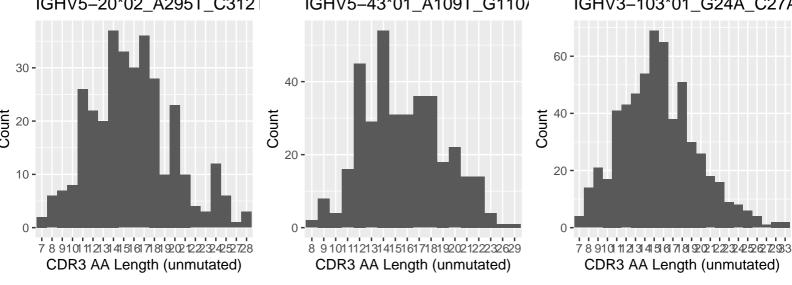
## IGHV7-94\*01

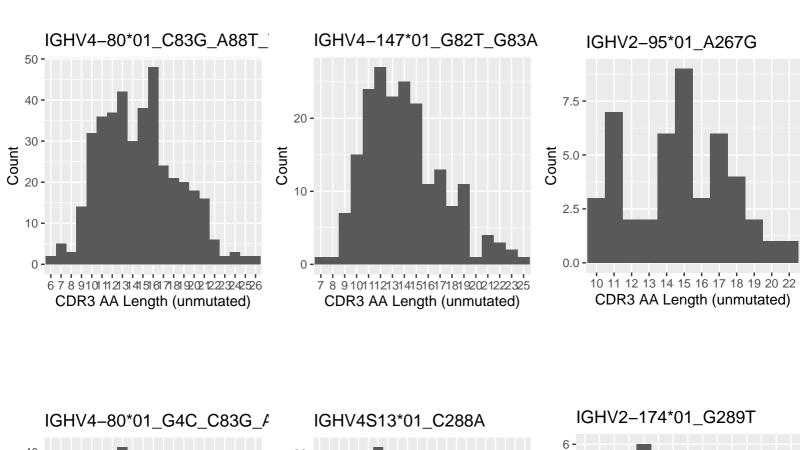
26 sequences assigned No exact matches.

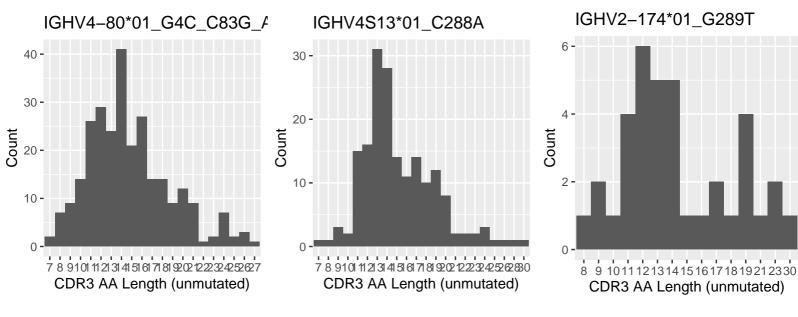


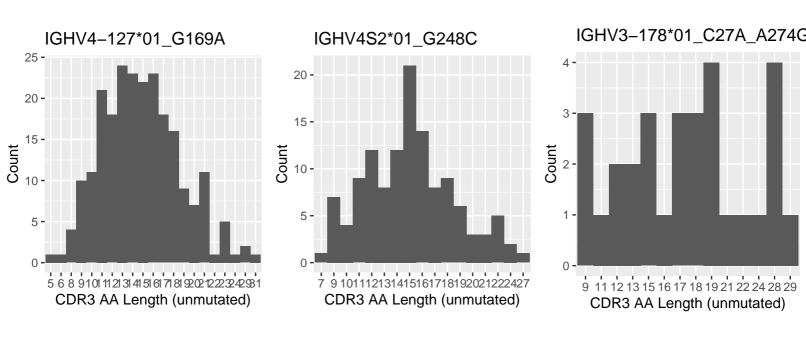




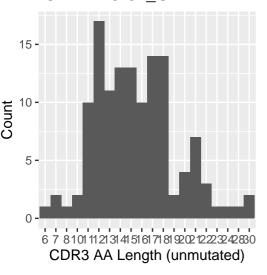


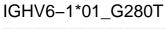


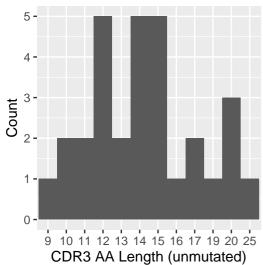




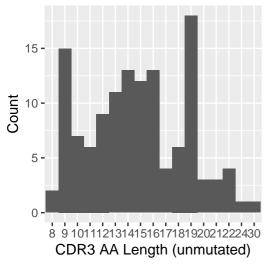
IGHV4-73\*01\_G147A







## IGHV4-169\*02\_T60C\_G61C





Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.

Warning – no inferred sequences found.