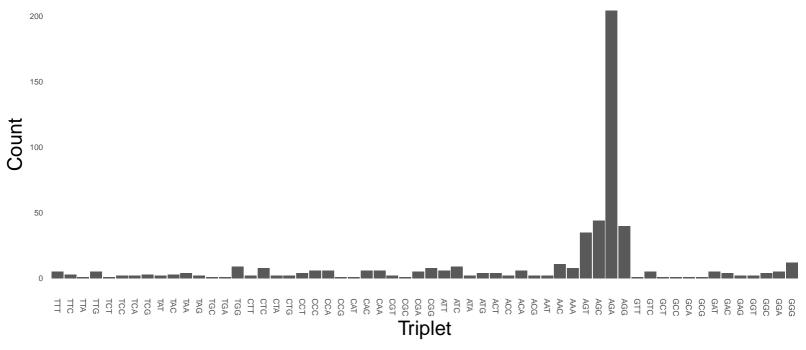
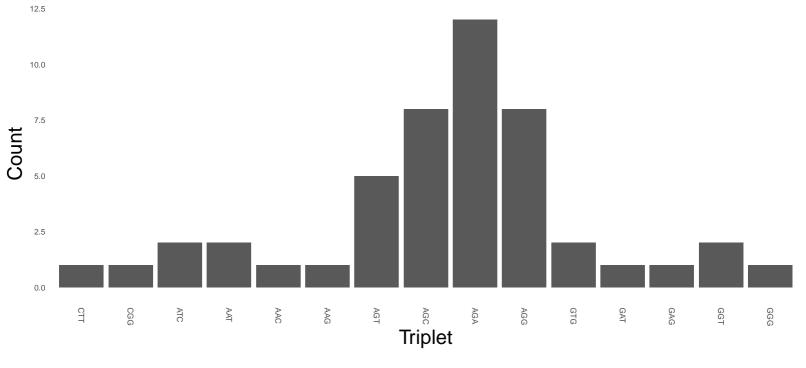
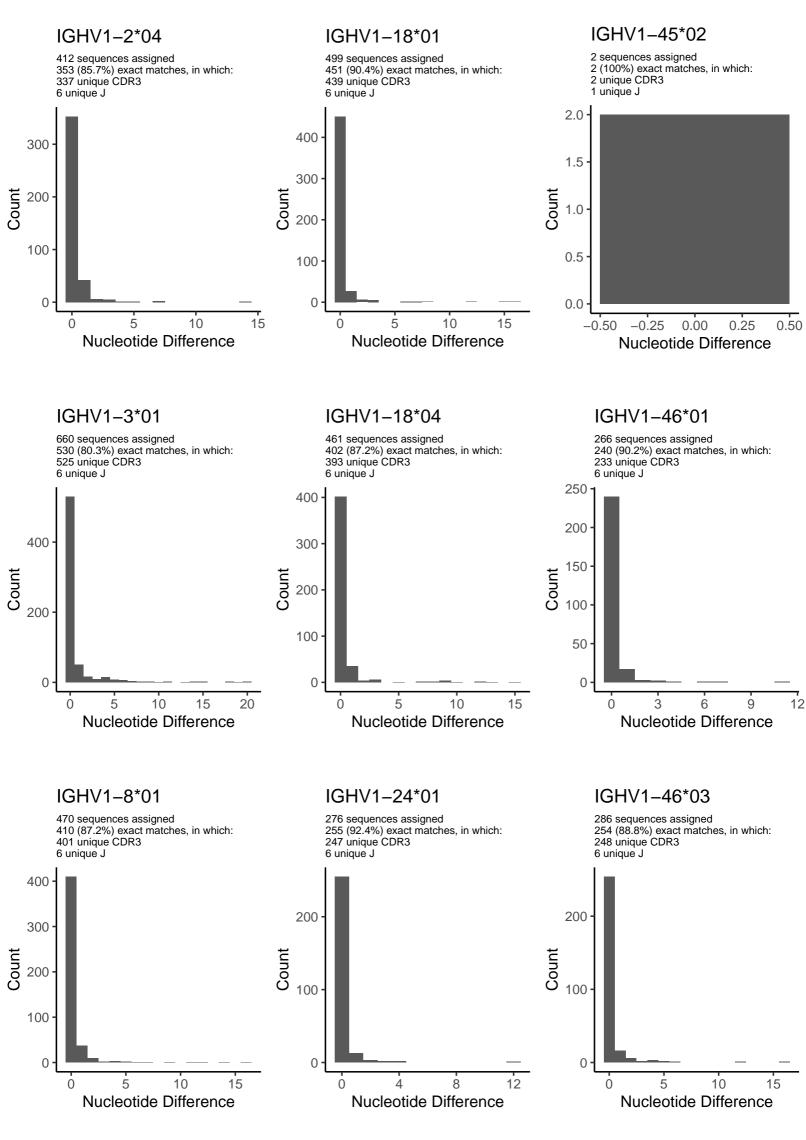


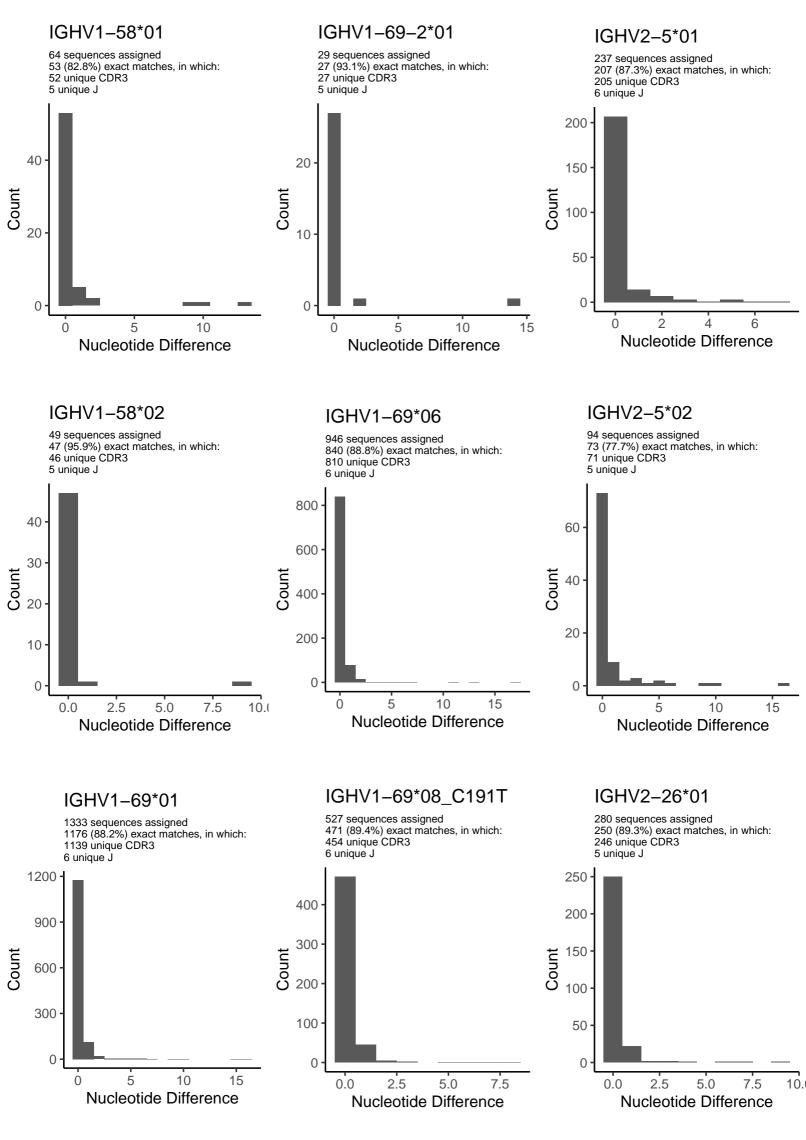
IGHV1-69*08_C191T- Final 3 nucleotides as a triplet

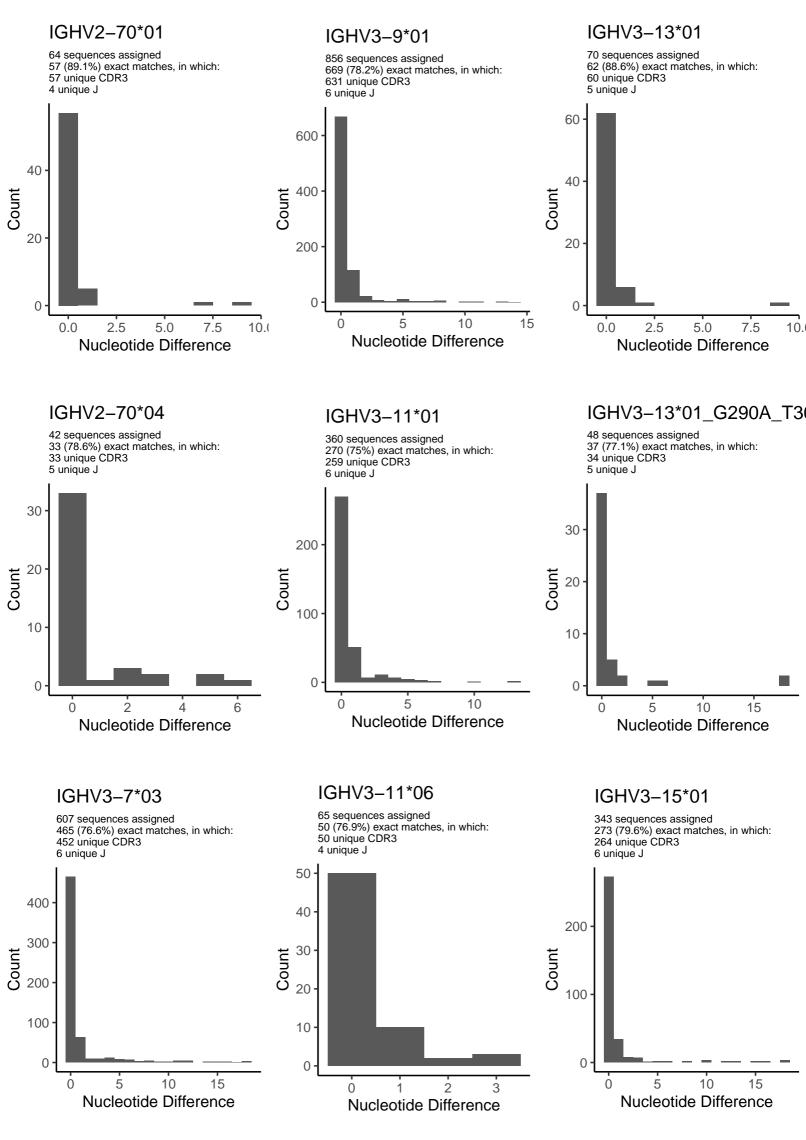


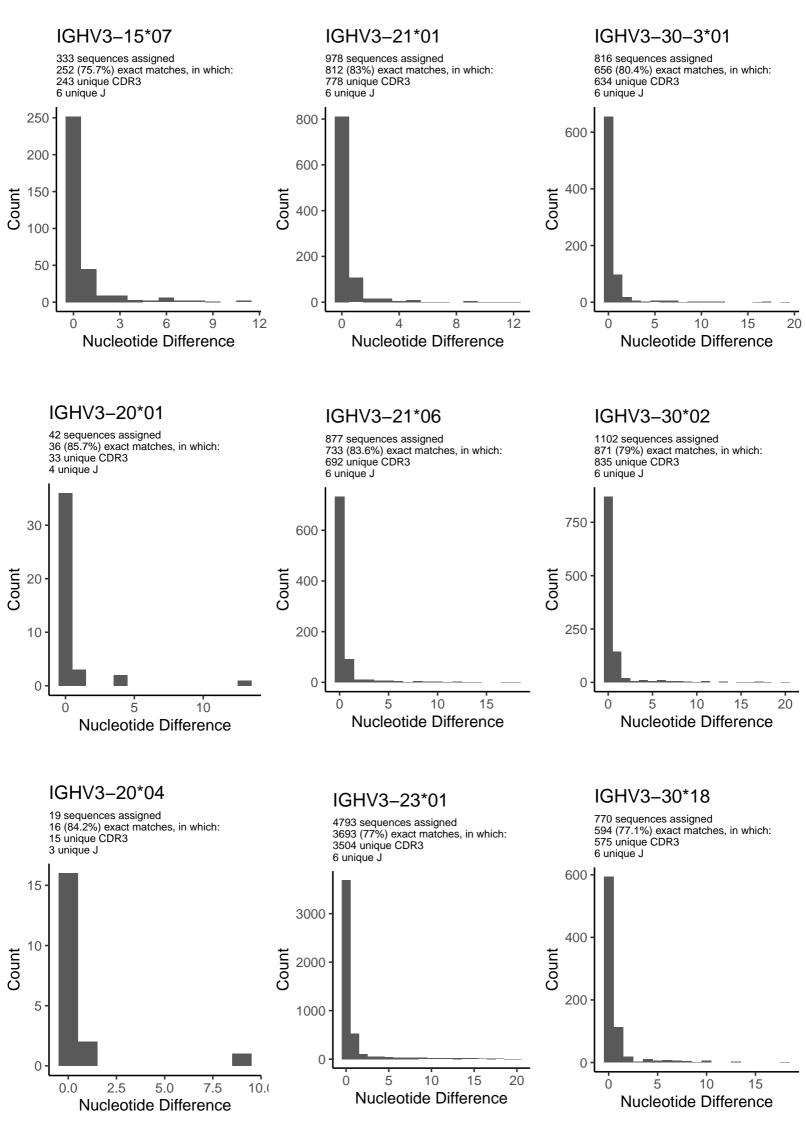
IGHV3-13*01_G290A_T300C- Final 3 nucleotides as a triplet

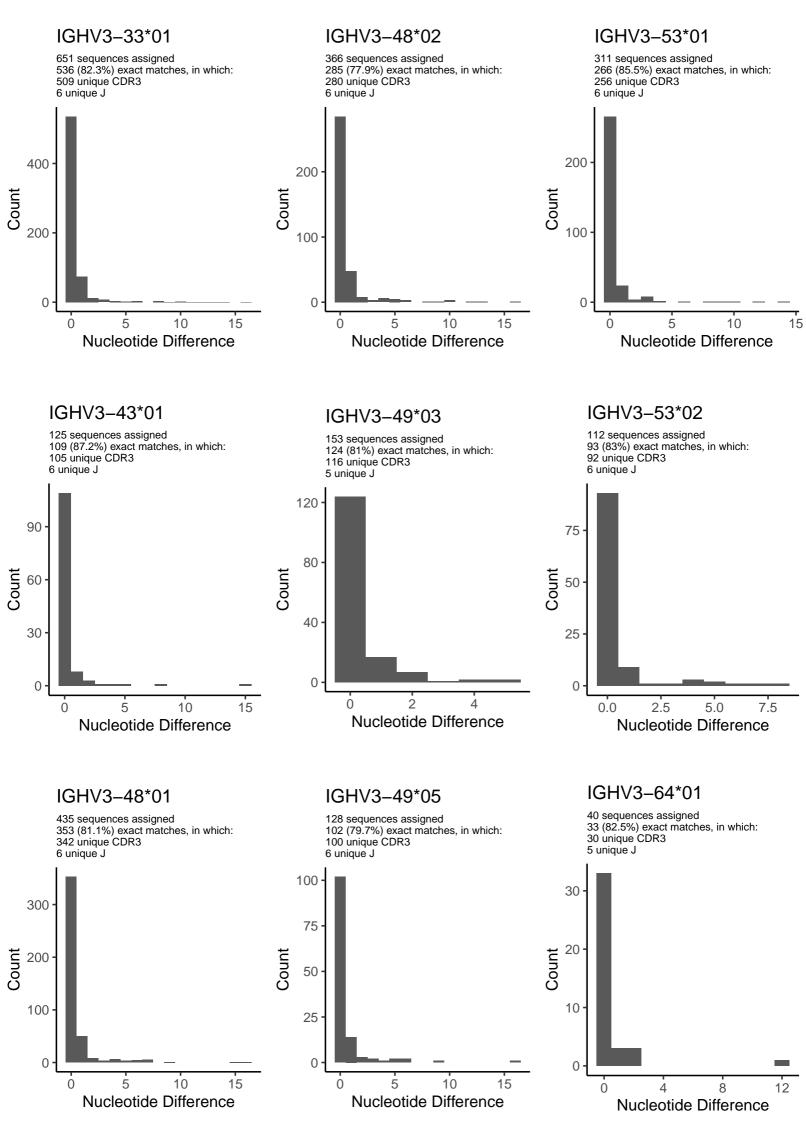


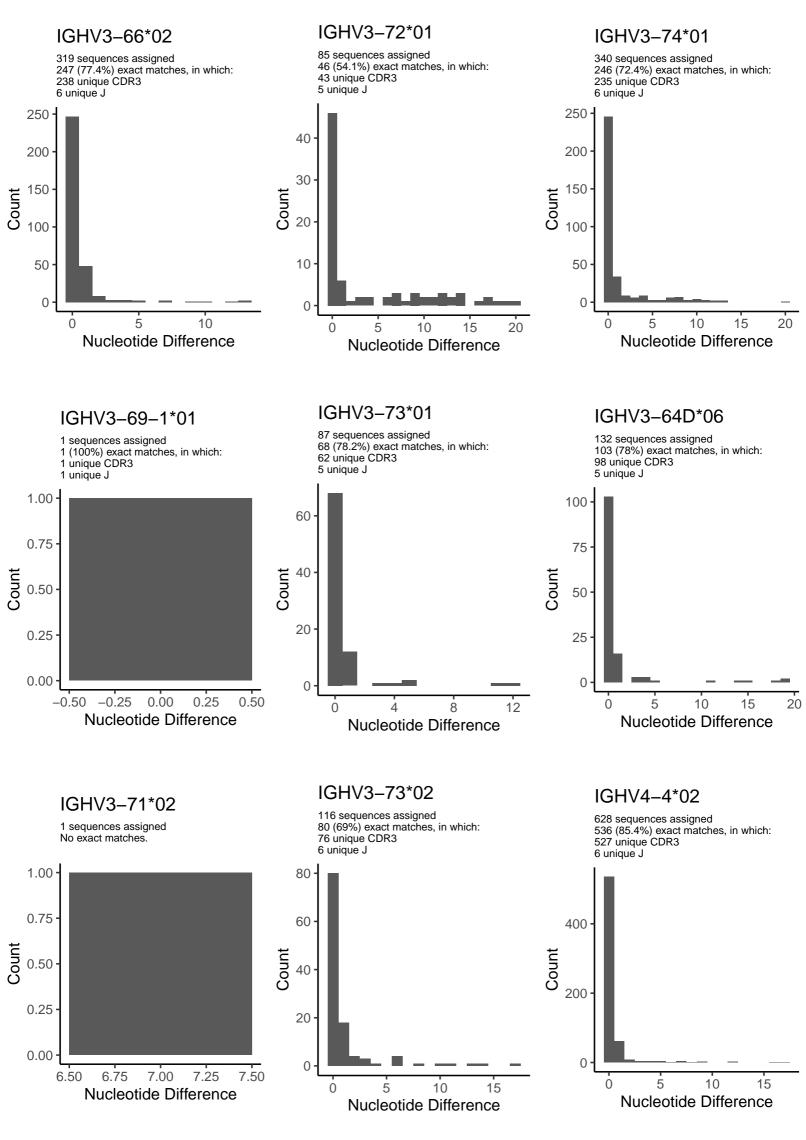


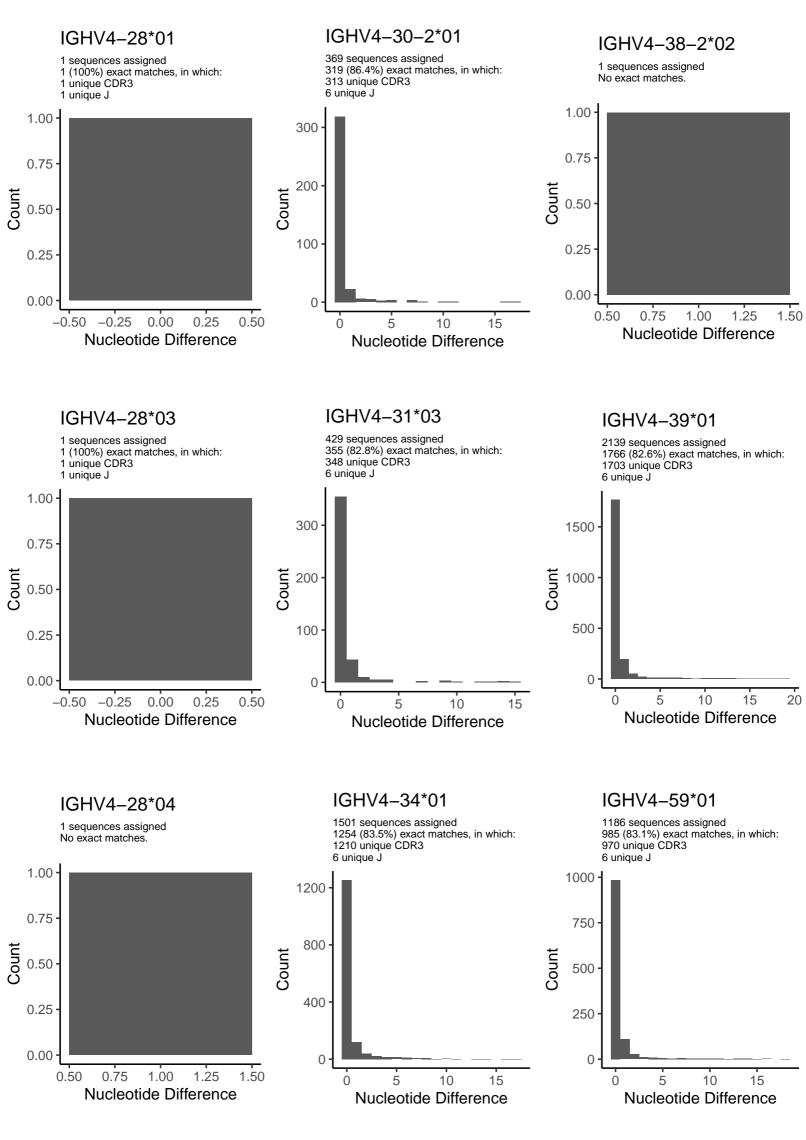


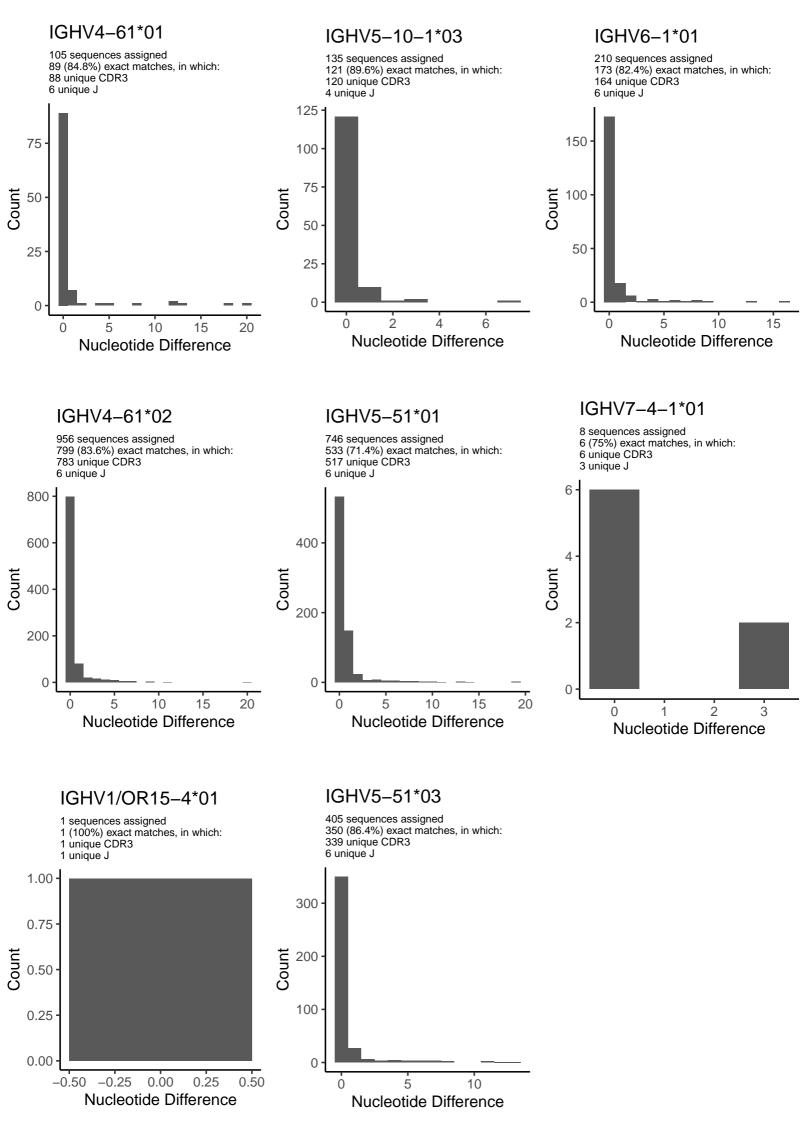












IGHV1-69*08_C191T

504020108 91011213141516171819202122324250289
CDR3 AA Length (unmutated)

