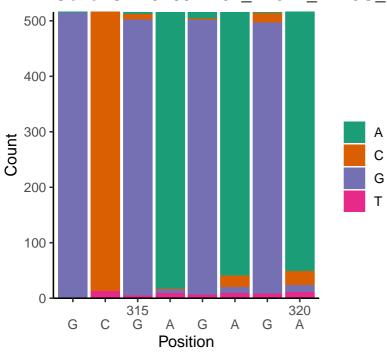
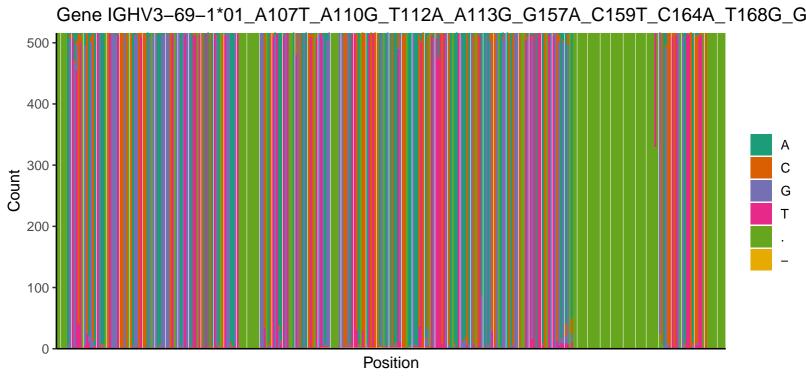
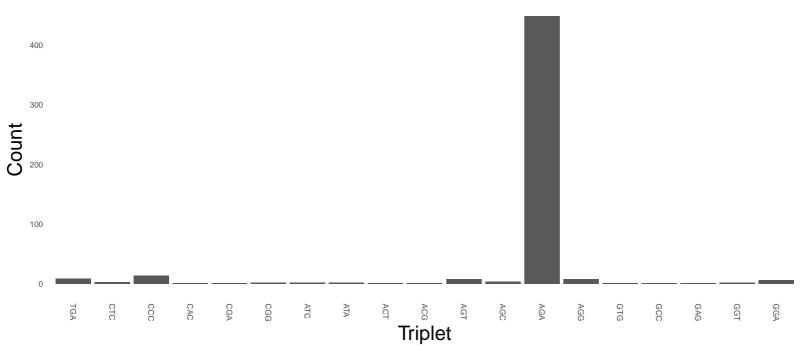
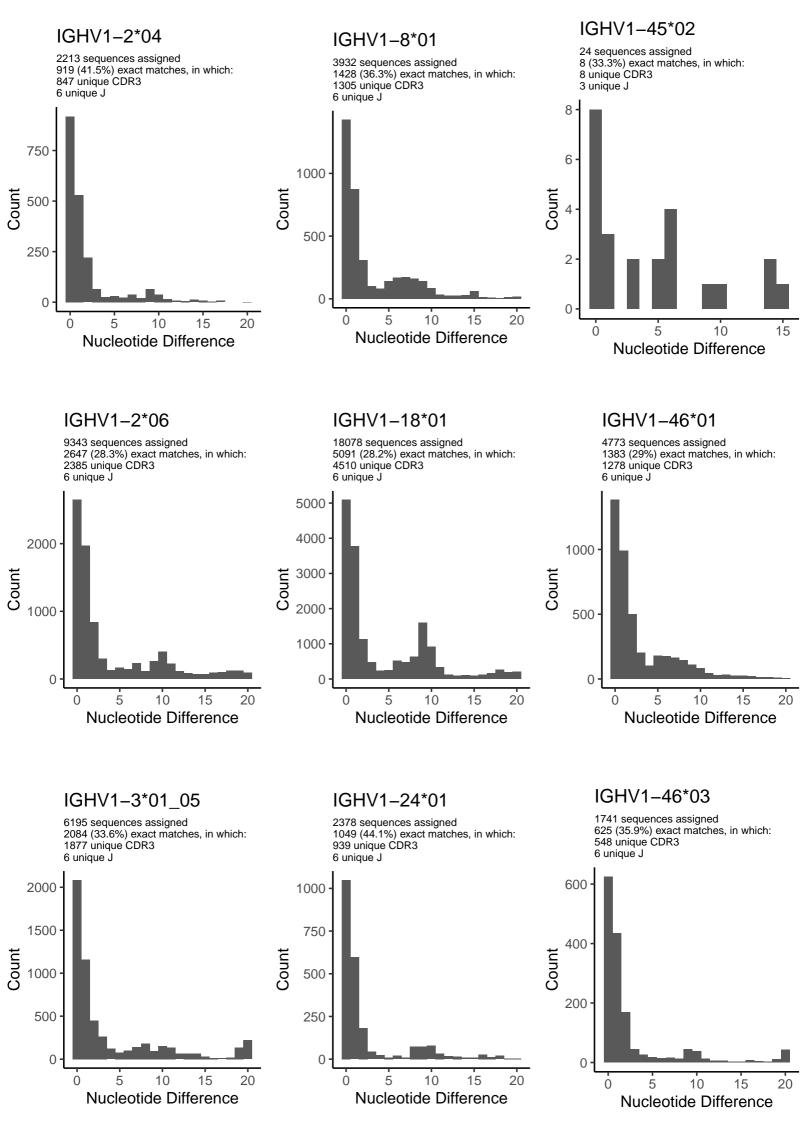
Gene IGHV3-69-1*01_A107T_A110G_T112A_A113G_G157A_C159T_C164A_T168G_G

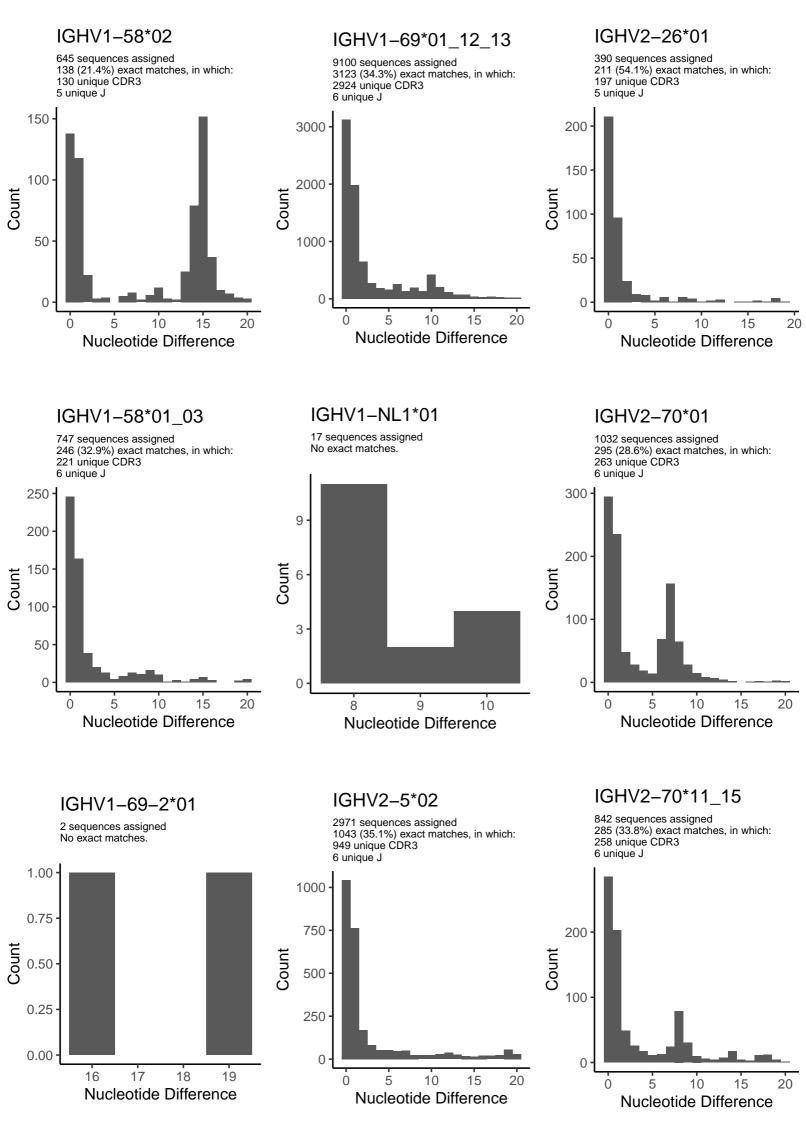


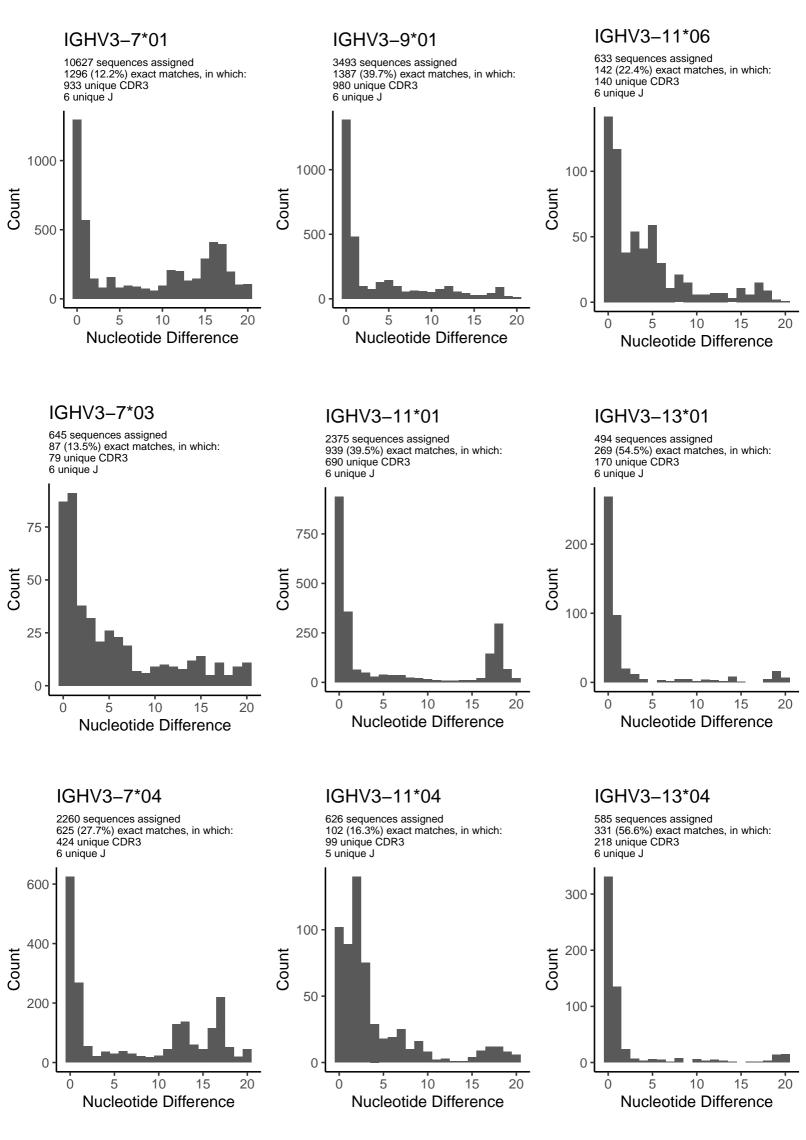


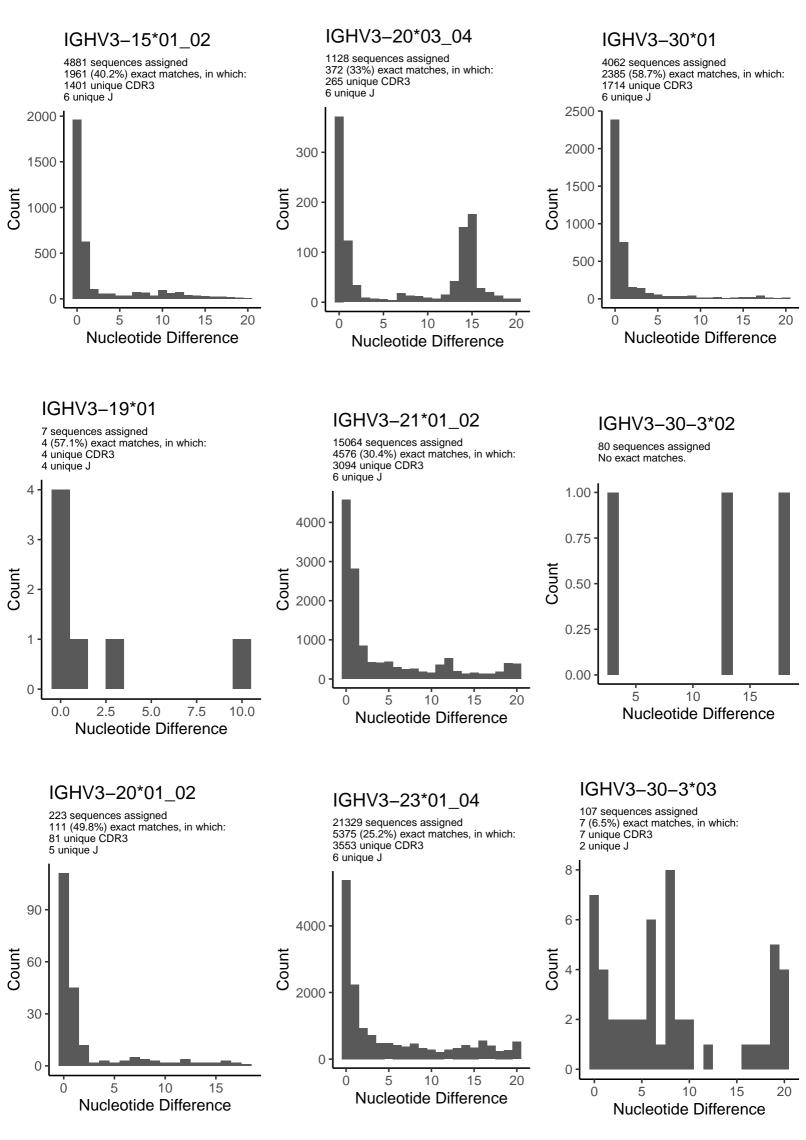
IGHV3-69-1*01_A107T_A110G_T112A_A113G_G157A_C159T_C164A_T168G_G170C_A172G

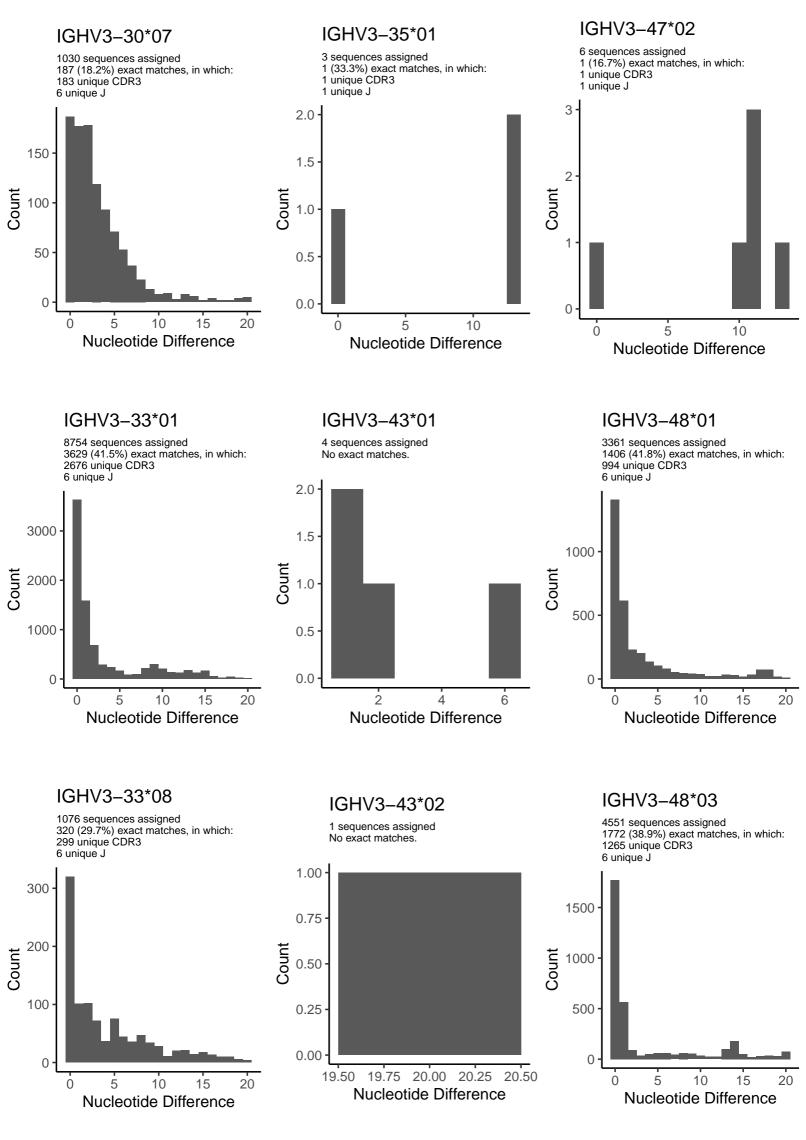


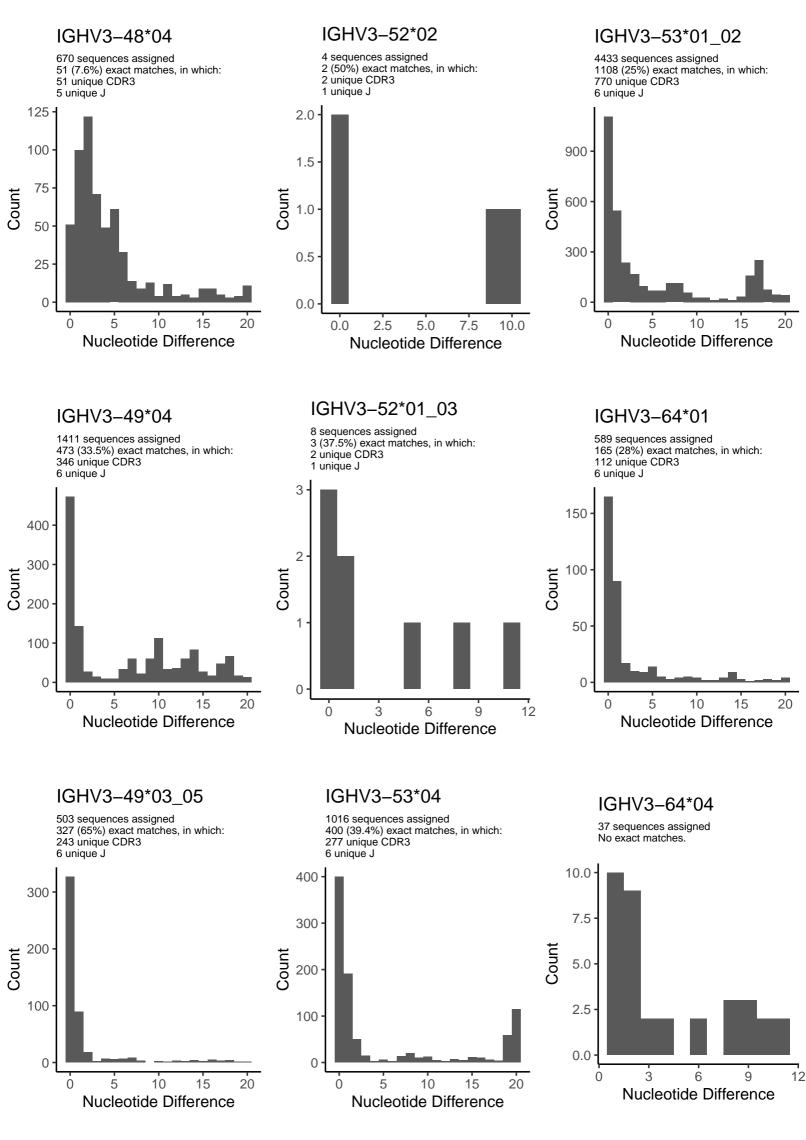


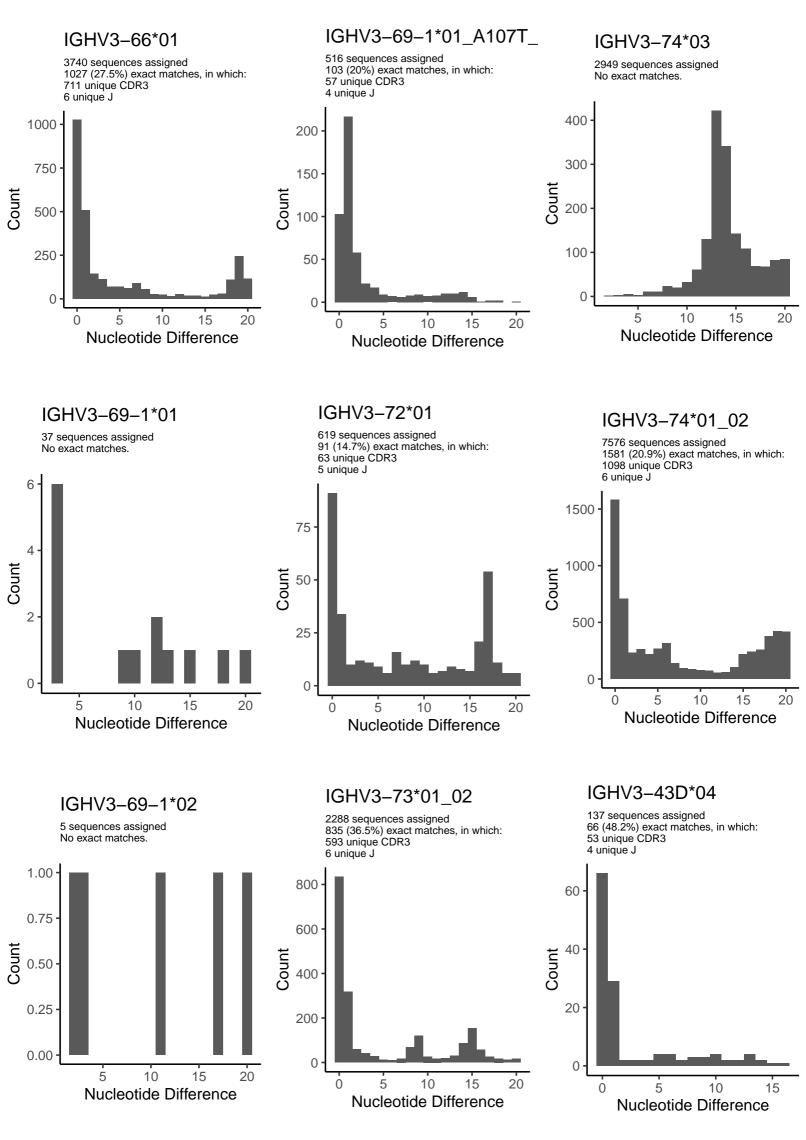


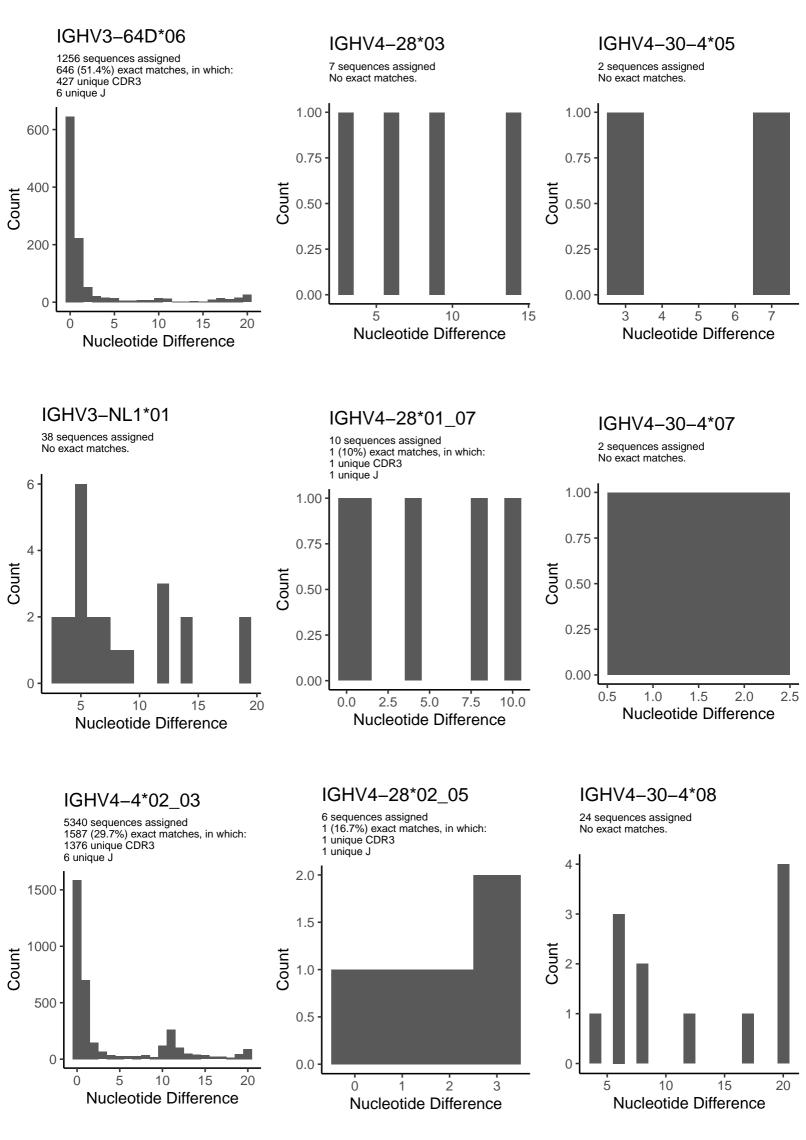


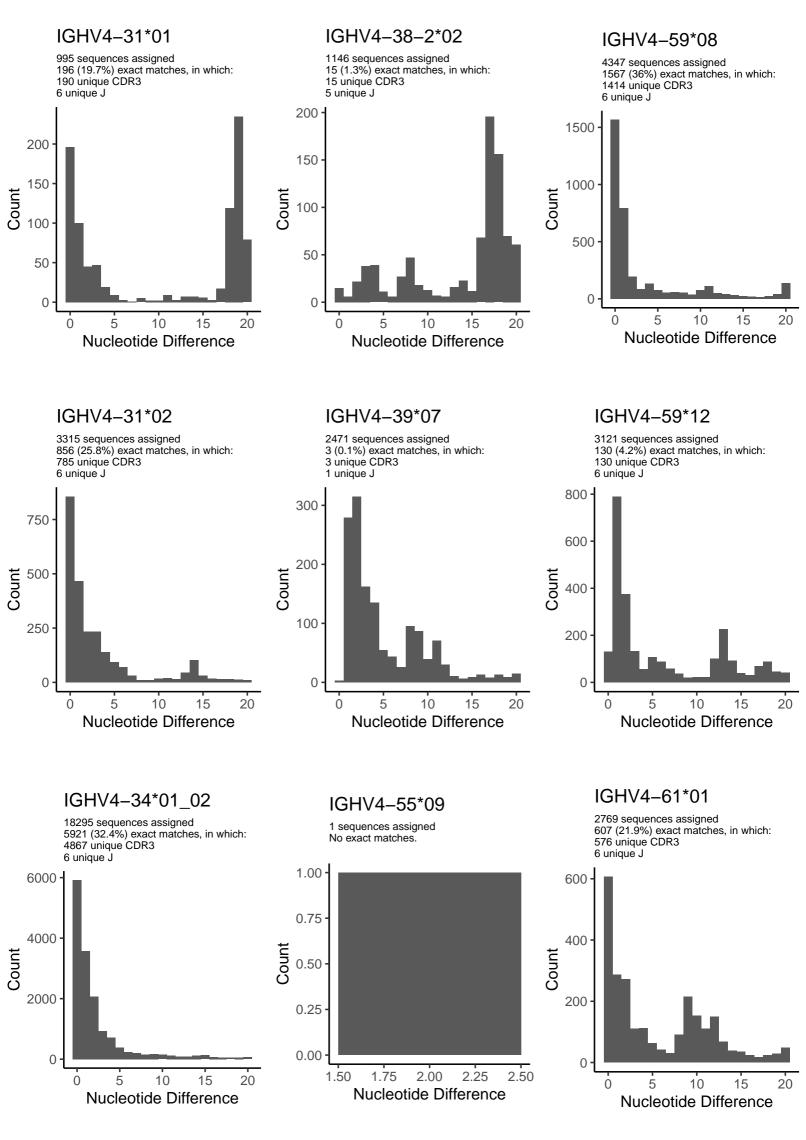


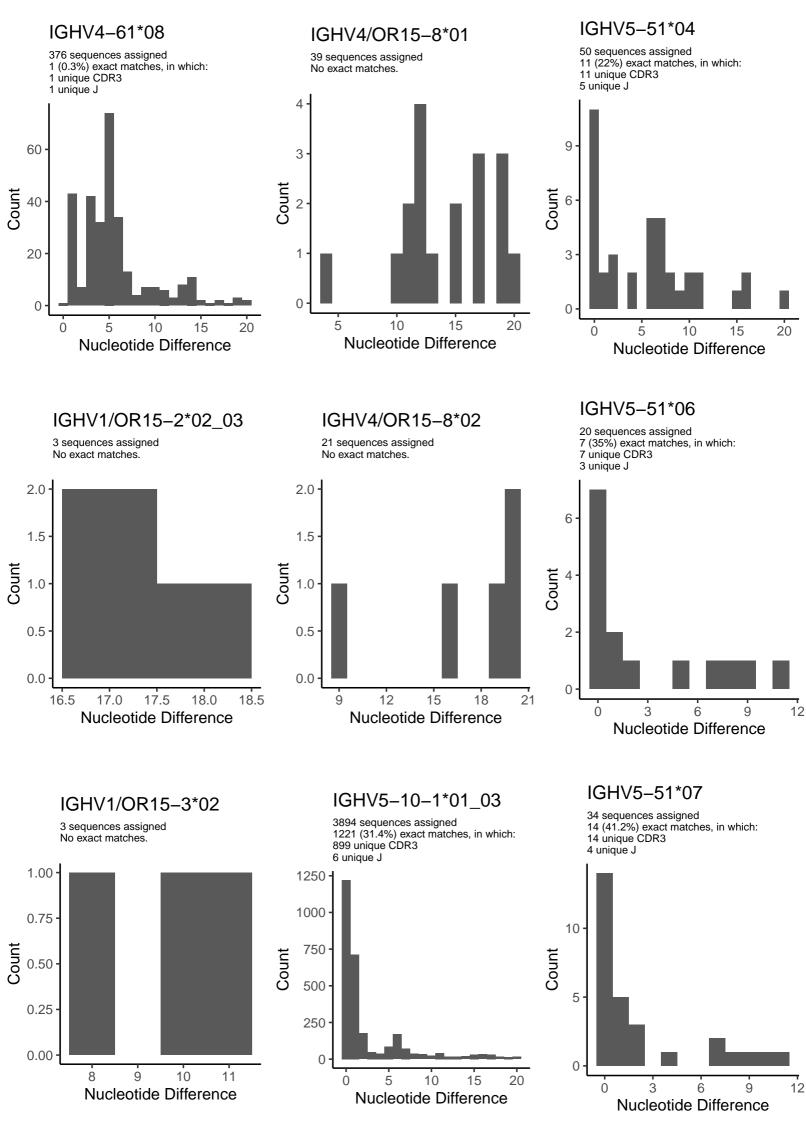






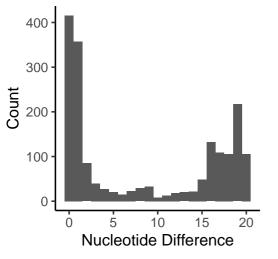






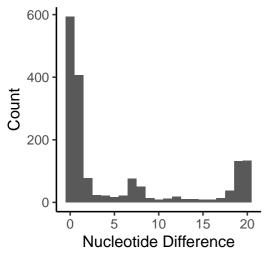
IGHV6-1*01_02

3372 sequences assigned 416 (12.3%) exact matches, in which: 389 unique CDR3 6 unique J

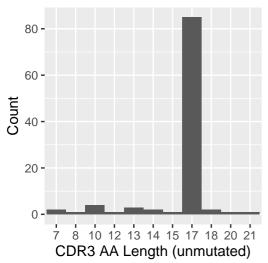


IGHV7-4-1*02

1892 sequences assigned 594 (31.4%) exact matches, in which: 550 unique CDR3 6 unique J



IGHV3-69-1*01_A107T_A110G_T112A_A113G_G157A_C159T_C164A_T168G_G170C_A172G_





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