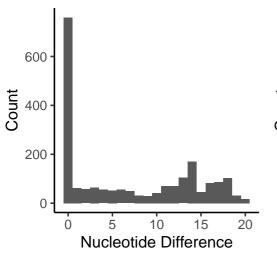


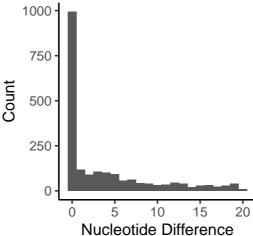
IGHV4-59*02_G88A

2520 sequences assigned 760 (30.2%) exact matches, in which: 749 unique CDR3 6 unique J



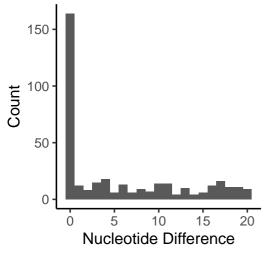
IGHV5-51*07_A128G

2189 sequences assigned 994 (45.4%) exact matches, in which: 852 unique CDR3 6 unique J



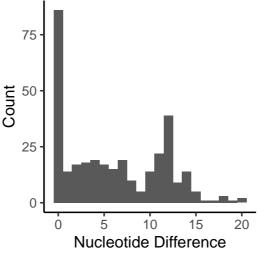
IGHV4-61*01

481 sequences assigned 164 (34.1%) exact matches, in which: 158 unique CDR3 6 unique J



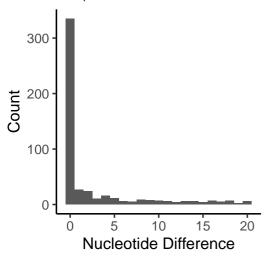
IGHV6-1*01_02

370 sequences assigned 86 (23.2%) exact matches, in which: 84 unique CDR3 5 unique J



IGHV5-10-1*01_03

567 sequences assigned 335 (59.1%) exact matches, in which: 295 unique CDR3 6 unique J



IGHV7-4-1*02

726 sequences assigned 214 (29.5%) exact matches, in which: 213 unique CDR3 6 unique J

