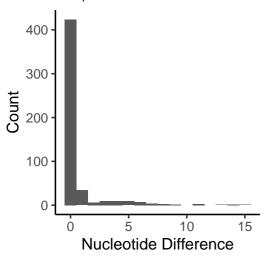


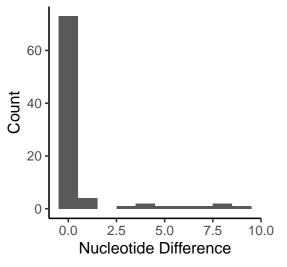
IGHV5-51*01

516 sequences assigned 424 (82.2%) exact matches, in which: 424 unique CDR3 6 unique J



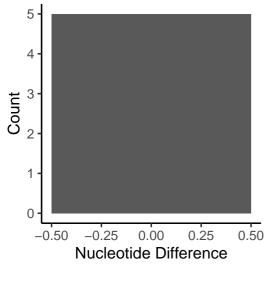
IGHV6-1*01

86 sequences assigned 73 (84.9%) exact matches, in which: 73 unique CDR3 6 unique J

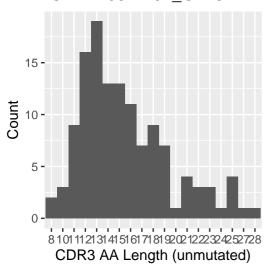


IGHV7-4-1*01

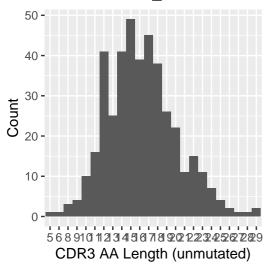
5 sequences assigned 5 (100%) exact matches, in which: 5 unique CDR3 3 unique J



IGHV4-38-2*02_G246A



IGHV1-69*04_A163G





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