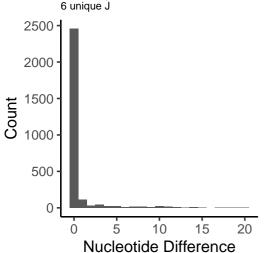


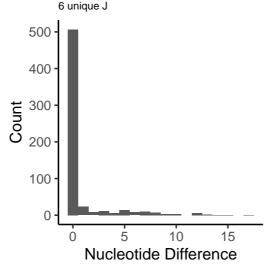
IGHV4-59*01_07

2820 sequences assigned 2457 (87.1%) exact matches, in which: 2429 unique CDR3



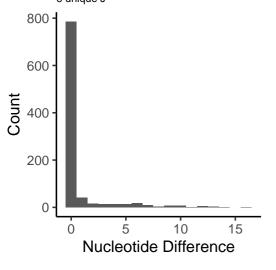
IGHV6-1*01_02

612 sequences assigned 507 (82.8%) exact matches, in which: 506 unique CDR3



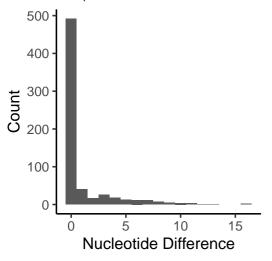
IGHV4-61*01

941 sequences assigned 786 (83.5%) exact matches, in which: 782 unique CDR3 6 unique J



IGHV5-51*01_03

653 sequences assigned 492 (75.3%) exact matches, in which: 489 unique CDR3 6 unique J





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Novel sequence(s) IGHV4–59*02_G88A IGHV5-51*07_A128G are not listed in the genotype and will be ignored.

Novel sequence(s) IGHV5-51*07_A128G are not listed in the genotype and will be ignored.

Novel sequence(s) IGHV4-59*02_G88A IGHV5-51*07_A128G are not listed in the genotype and will be ignored.

Novel sequence(s) IGHV5-51*07_A128G are not listed in the genotype and will be ignored.

Warning - no inferred sequences found.

Warning – no inferred sequences found.

Novel sequence(s) IGHV4-39*02_C258G IGHV5-51*07_A128G are not listed in the genotype and will be ignored.

Warning – no inferred sequences found.

Novel sequence(s) IGHV5-51*07_A128G are not listed in the genotype and will be ignored.

Warning – no inferred sequences found.

Novel sequence(s) IGHV4-59*02_G88A IGHV5-51*07_A128G are not listed in the genotype and will be ignored.

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