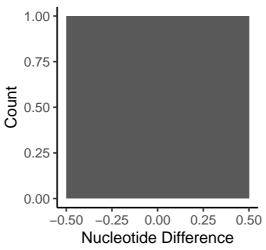


## 439 sequences assigned 389 (88.6%) exact matches, in which: 388 unique CDR3 6 unique J 400 -300 Count 200 100 0 2 **Nucleotide Difference**

IGHV5-51\*01\_03

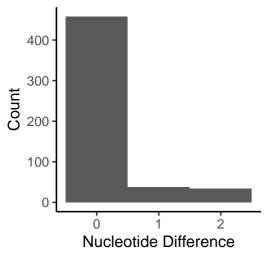
## IGHV7-81\*01

- 1 sequences assigned
- 1 (100%) exact matches, in which:
- 1 unique CDR3
- 1 unique J



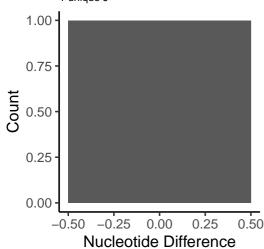
## IGHV6-1\*01\_02

530 sequences assigned 458 (86.4%) exact matches, in which: 456 unique CDR3 6 unique J



## IGHV7-4-1\*01

- 1 sequences assigned
- 1 (100%) exact matches, in which:
- 1 unique CDR3
- 1 unique J





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. 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. 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. Novel sequence(s) IGHV4-59\*02\_G88A 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. 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. Novel sequence(s) 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) 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. Novel sequence(s) IGHV1-69\*04\_09\_G112A IGHV4-59\*02\_G88A 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. 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. Novel sequence(s) IGHV4-59\*02\_G88A are not listed in the genotype and will be ignored. Novel sequence(s) IGHV4-59\*02\_G88A 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) IGHV4-59\*02\_G88A IGHV5-51\*07\_A128G are not listed in the genotype and will be ignored. Warning - no inferred sequences found. Warning - no inferred sequences found. 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. Warning - no inferred sequences found. 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. Warning – no inferred sequences found.

Novel sequence(s) IGHV4-39\*02\_C258G IGHV4-59\*02\_G88A IGHV5-51\*07\_A128G are not listed in the genotype and will be ignored.