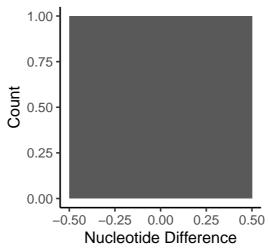


# 302 sequences assigned 148 (49%) exact matches, in which: 145 unique CDR3 6 unique J 150 50 Nucleotide Difference

IGHV4-61\*02

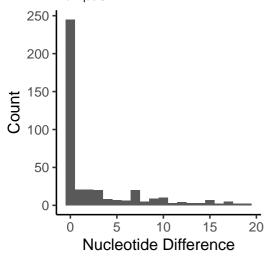
### IGHV7-4-1\*01

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



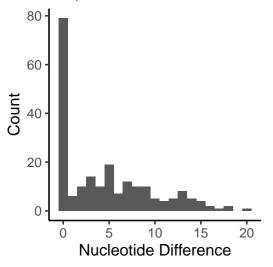
### IGHV5-51\*01\_03

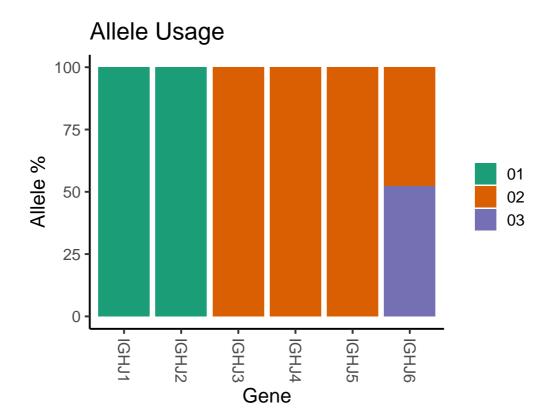
408 sequences assigned 245 (60%) exact matches, in which: 245 unique CDR3 7 unique J



## IGHV6-1\*01\_02

216 sequences assigned 79 (36.6%) exact matches, in which: 79 unique CDR3 7 unique J





# Sequence Count by IGHJ6 allele usage



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. 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 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. Warning – no inferred sequences found. Novel sequence(s) IGHV3-11\*06\_T300C are not listed in the genotype and will be ignored. 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) 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 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) IGHV4-59\*02\_G88A IGHV5-51\*07\_A128G are not listed in the genotype and will be ignored. Warning - no inferred sequences found. Novel sequence(s) IGHV3-11\*06\_T300C IGHV4-59\*02\_G88A IGHV5-51\*07\_A128G are not listed in the genotype and will be ignored. Novel sequence(s) IGHV3-11\*06\_T300C 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. 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\*11\_C109T 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.