# Summary Numbers

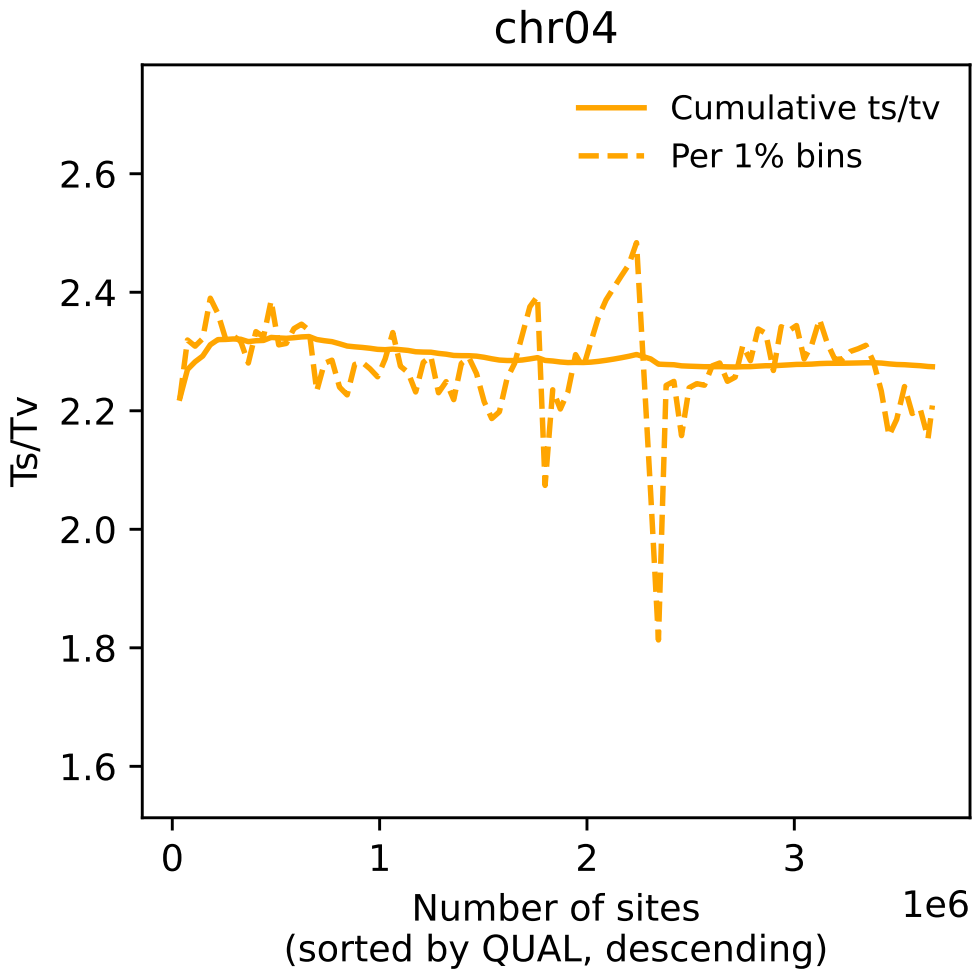
| | SNPs | | | indels | | MNPs | others |
|---|---|---|---|---|---|---|---|
| Callset | n | ts/tv | (1st ALT) | n | frm* | | |
| chr04 | 3,665,898 | 2.05 | 2.27 | 189,588 | – | 0 | 0 |

* frameshift ratio: out/(out+in)

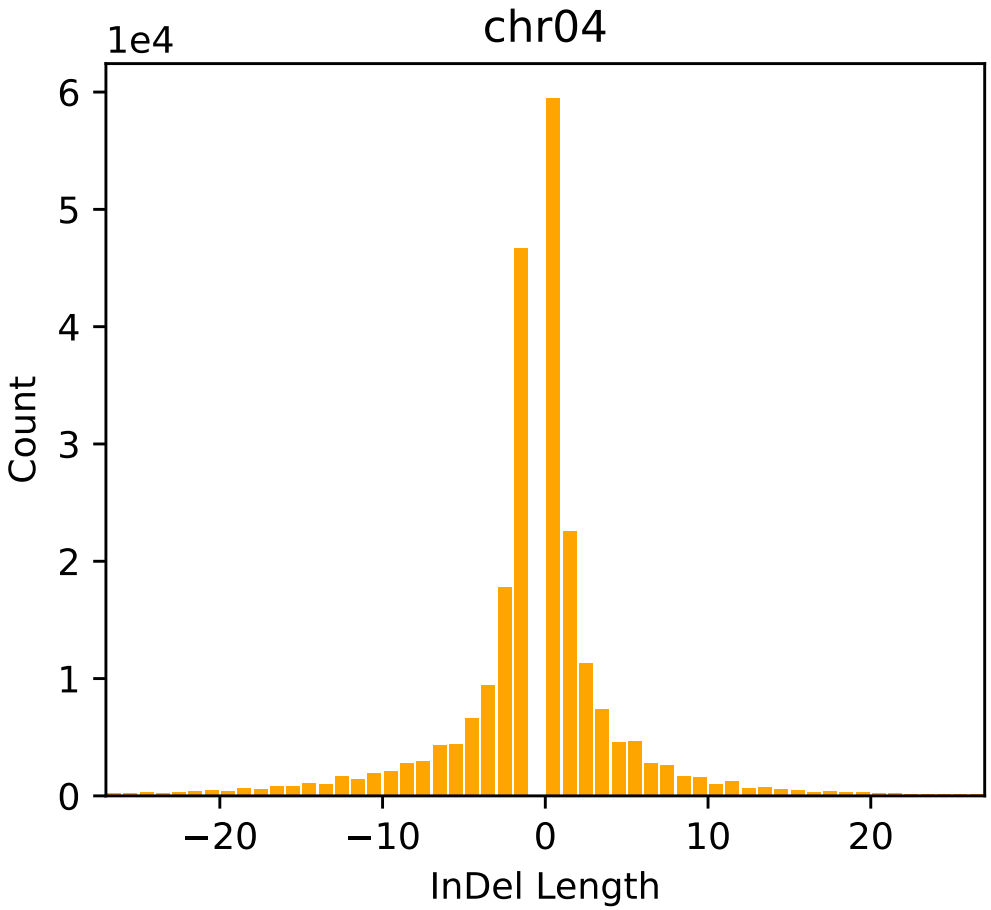
| | singletons (AC=1) | | | multiallelic | |
|---|---|---|---|---|---|
| Callset | SNPs | ts/tv | indels | sites | SNPs |
| chr04 | 15.5% | 1.62 | 3.0% | 263,912 | 221,538 |

- chr04 .. `/blue/soltis/kasey.pham/euc_hyb_reseq/call_snps/03.mpileup/chr04.vcf.gz`

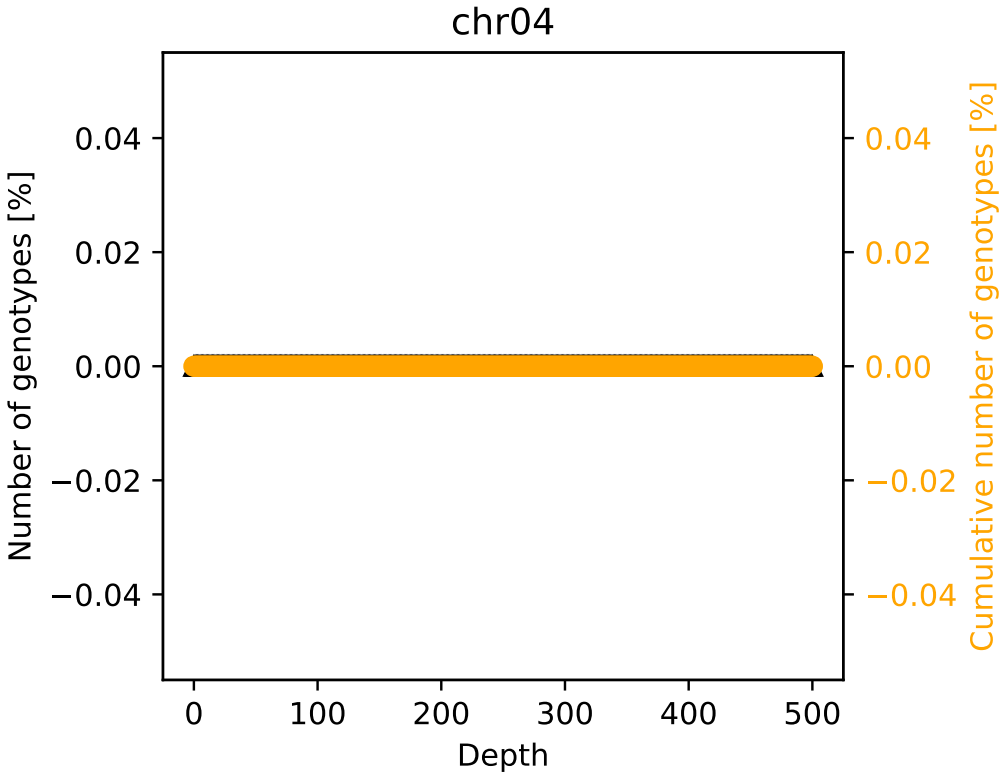
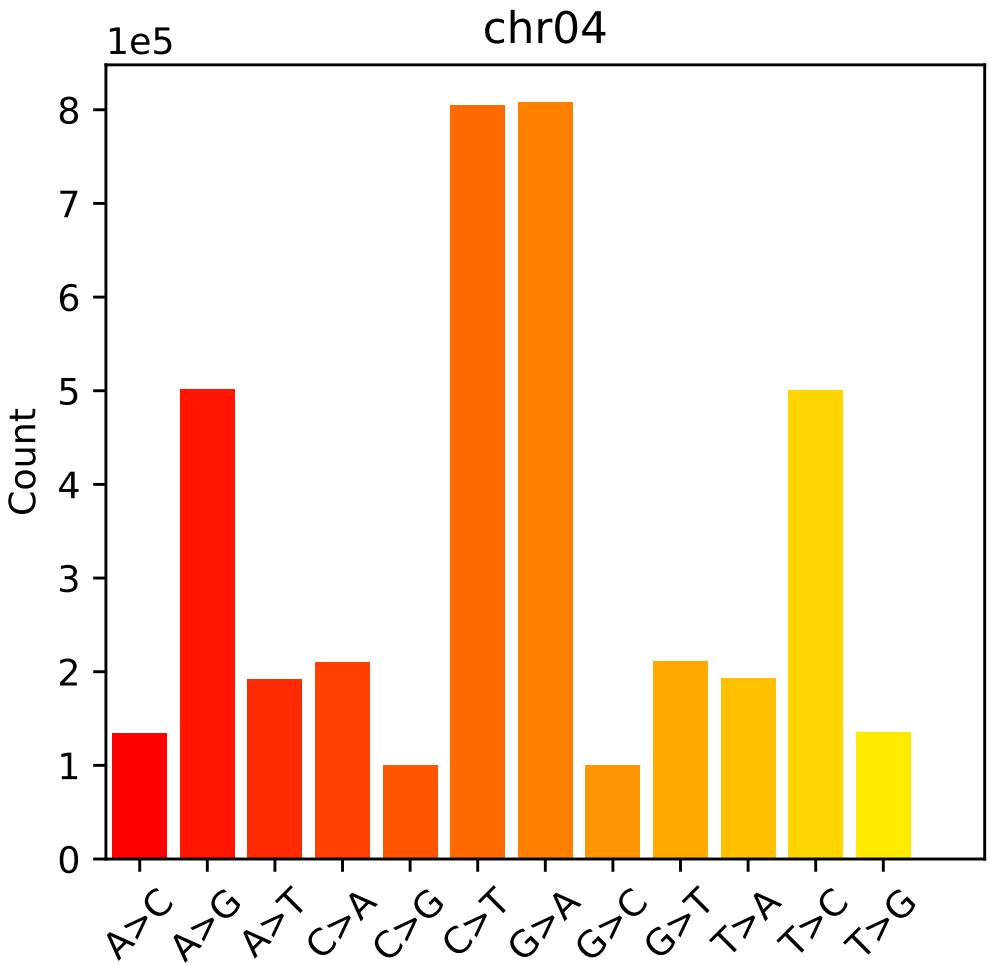
# Ts/Tv stratified by QUAL



# Indel distribution



# Depth distribution



# Substitution types