# Summary Numbers

| | SNPs | | | indels | | MNPs | others |
|---|---|---|---|---|---|---|---|
| Callset | n | ts/tv | (1st ALT) | n | frm* | | |
| 86wsu | 5,020,042 | 1.95 | 1.96 | 1,165,951 | – | 0 | 0 |
| | | | | | * frameshift ratio: out/(out+in) | | |

| | singletons (AC=1) | | | multiallelic | |
|---|---|---|---|---|---|
| Callset | SNPs | ts/tv | indels | sites | SNPs |
| 86wsu | 68.0% | 1.93 | 75.2% | 163,550 | 3,190 |

- 86wsu .. `/ngc/projects2/gm/data/archive/2022/variants/snv/86wsupolf-103736185705-Normal_B`
    `lood_noinfo-WGS_v1_IlluminaDNAPCRFree_RHGM00144-210510_A01176_BH5HT3DSX2-EXT_LAB`
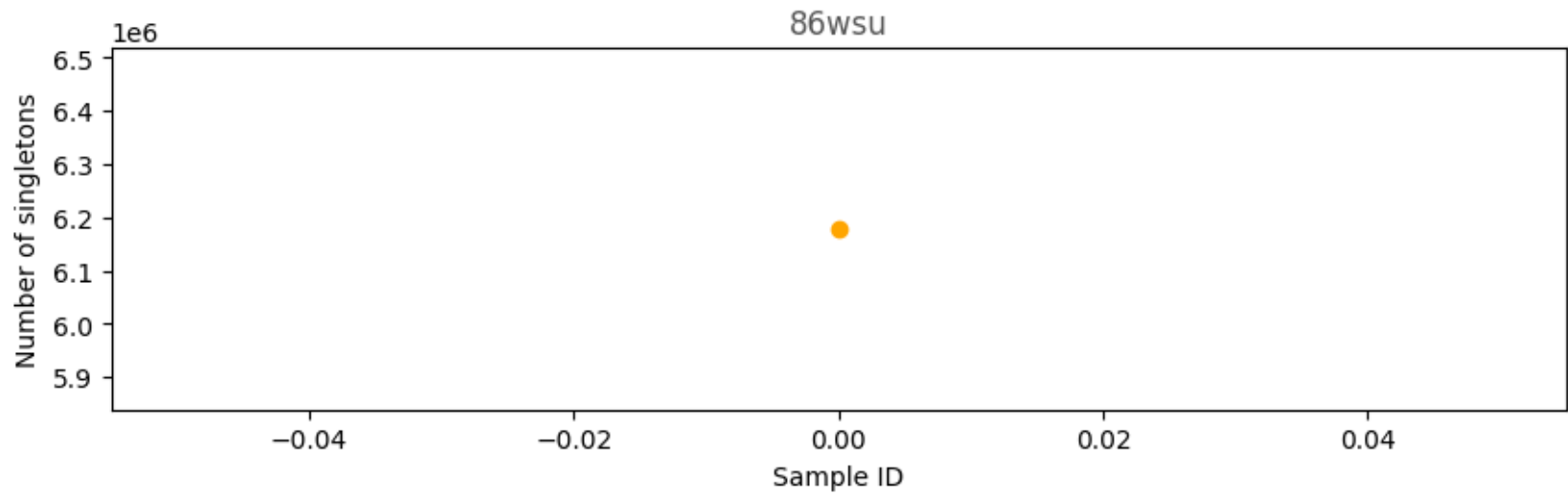    `KA_NGCWGS-NGCWGS00059_86wv34kr4_snv_germline_raw.haplotype_caller.vcf.gz`
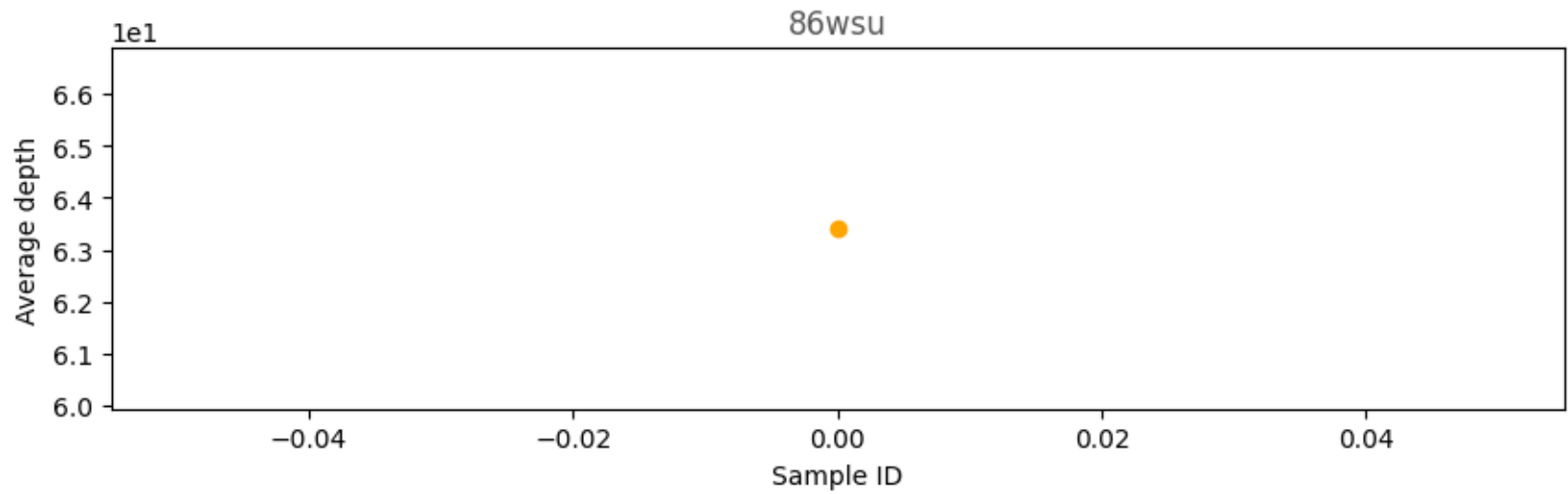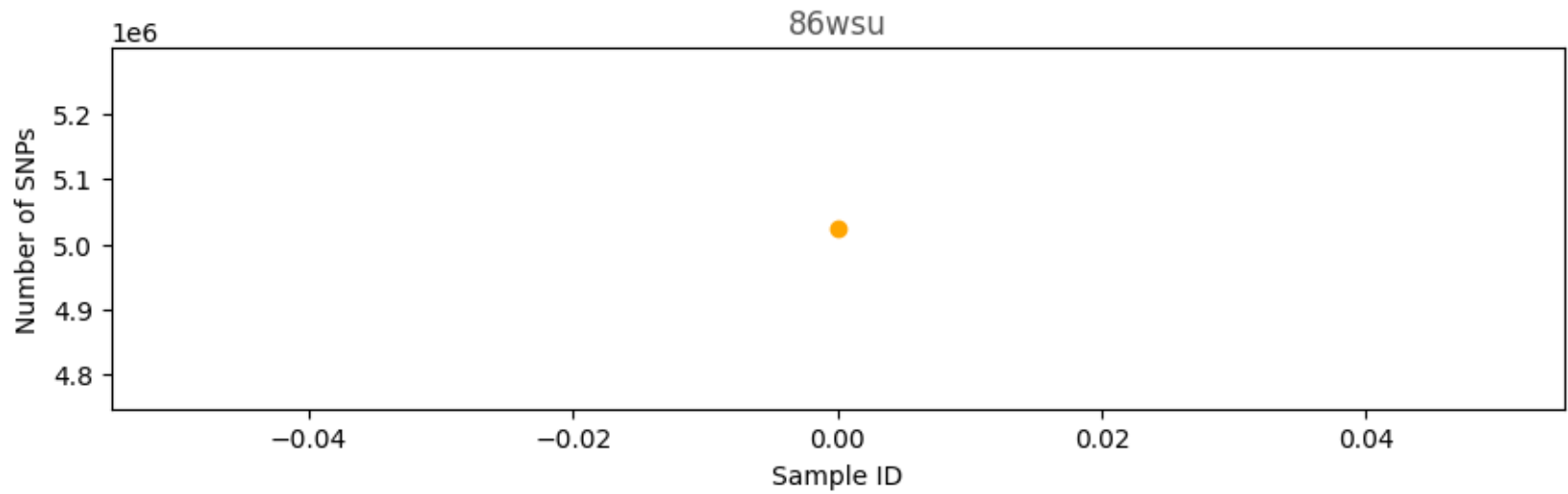
# Ts/Tv by sample
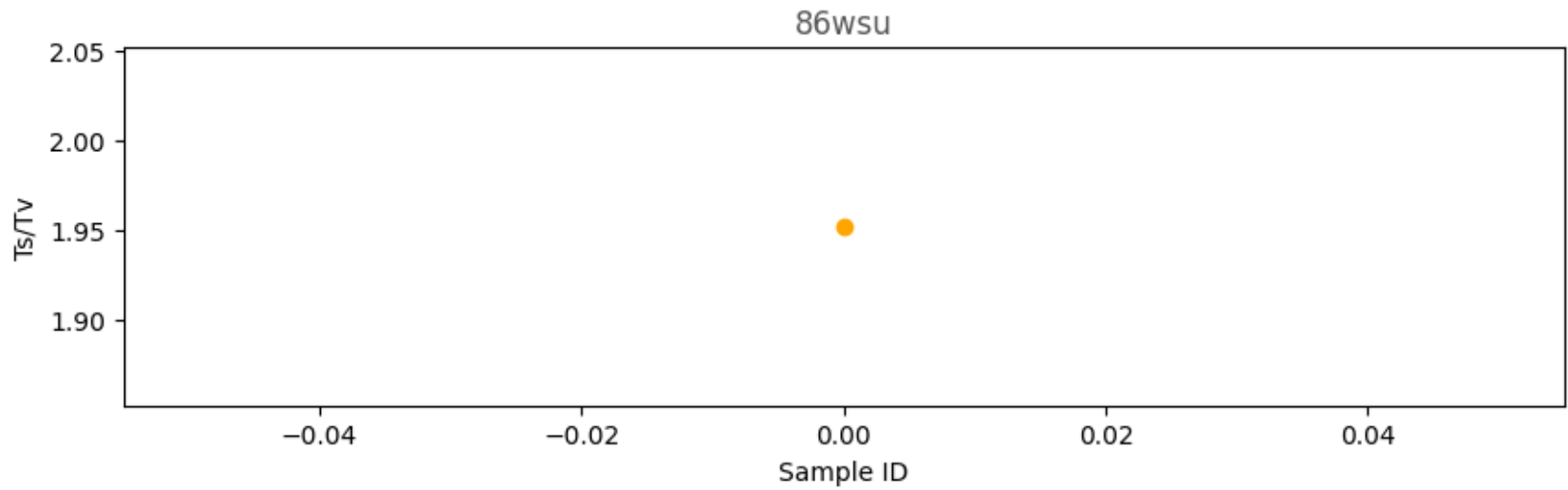
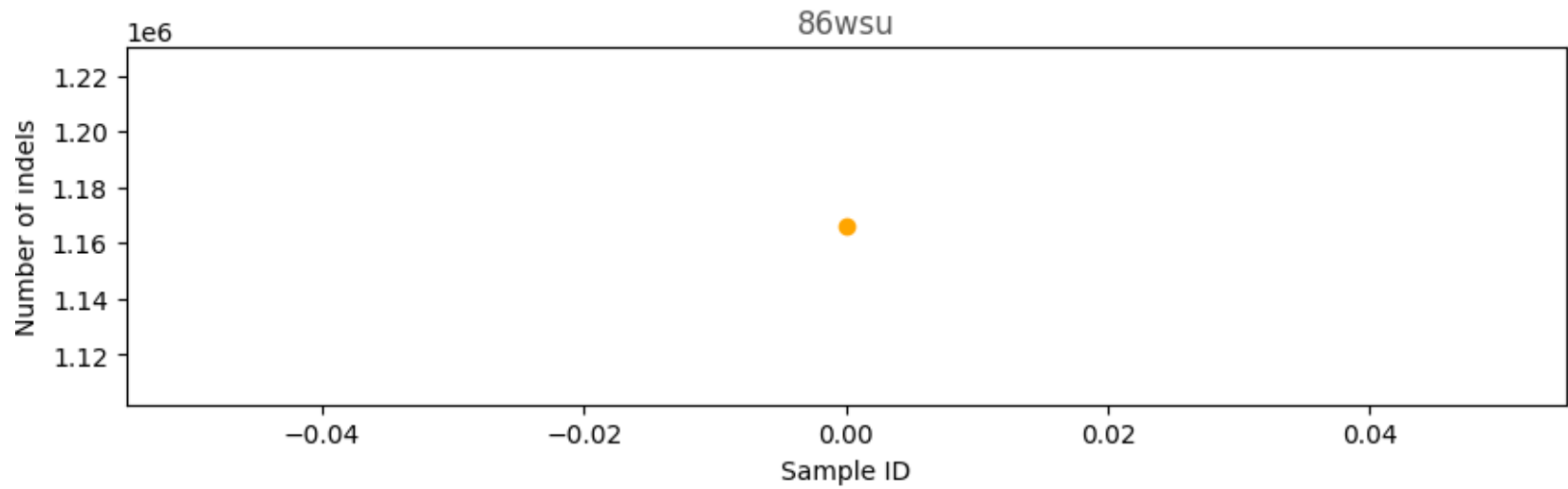# Hets vs non-ref Homs by sample
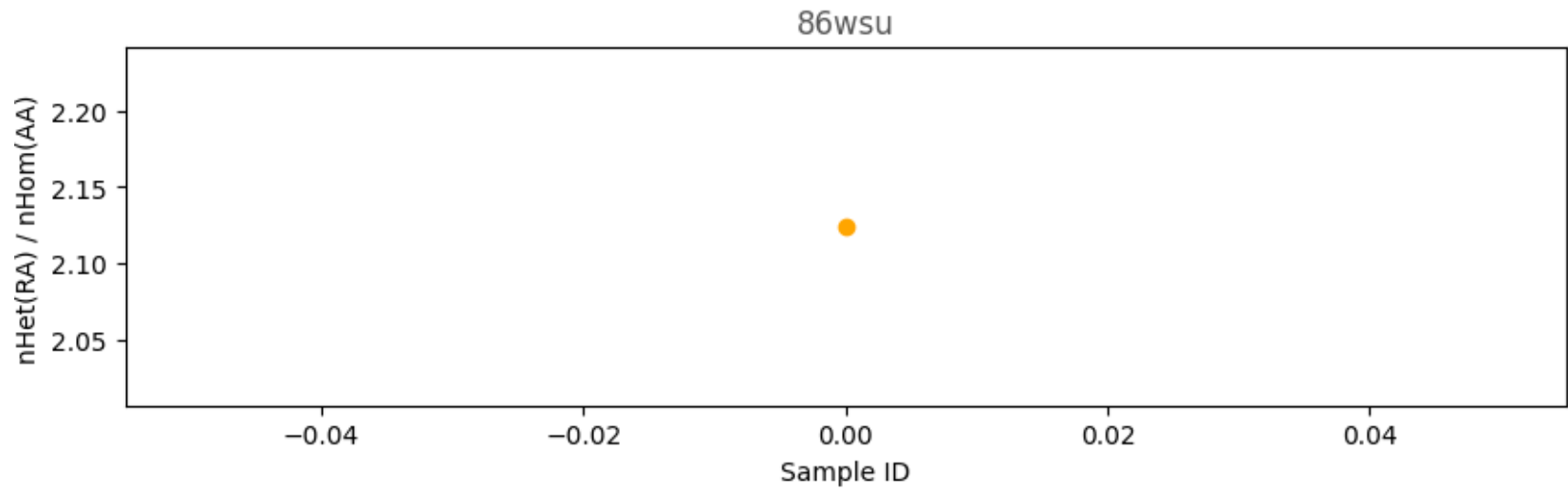
# Singletons by sample (hets and homs)
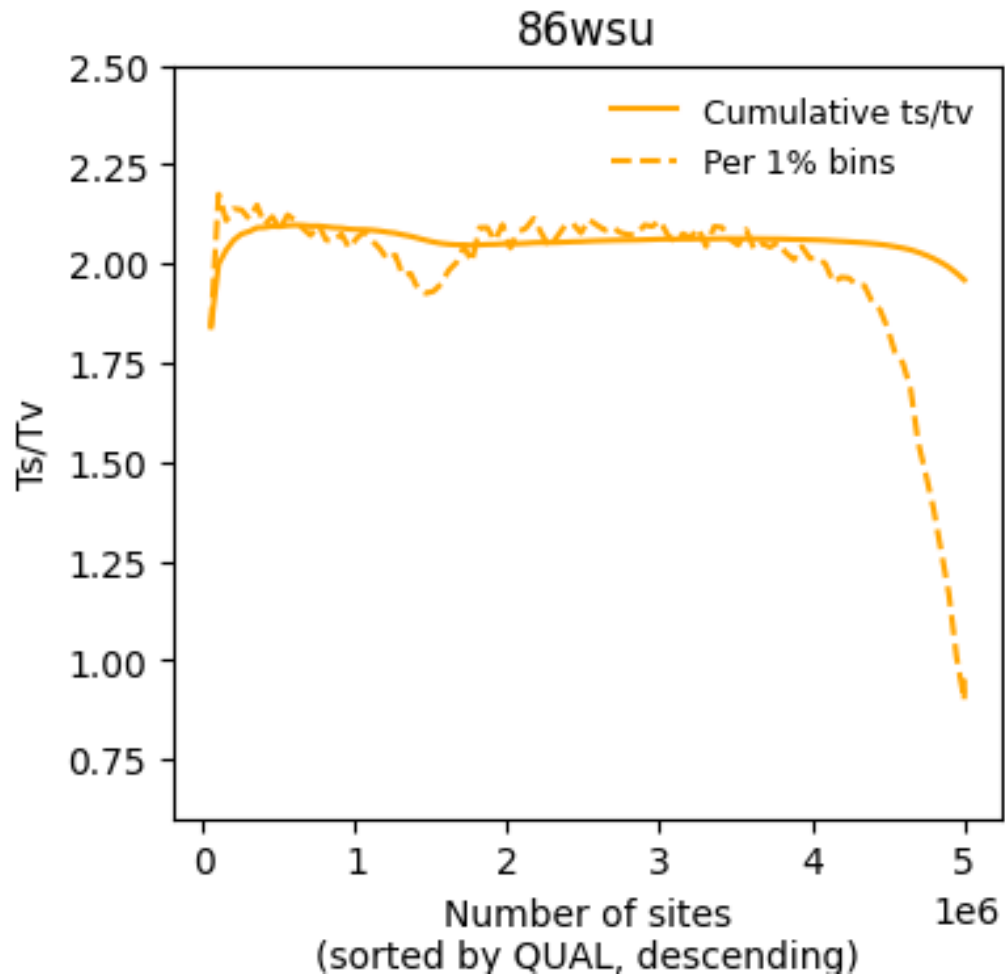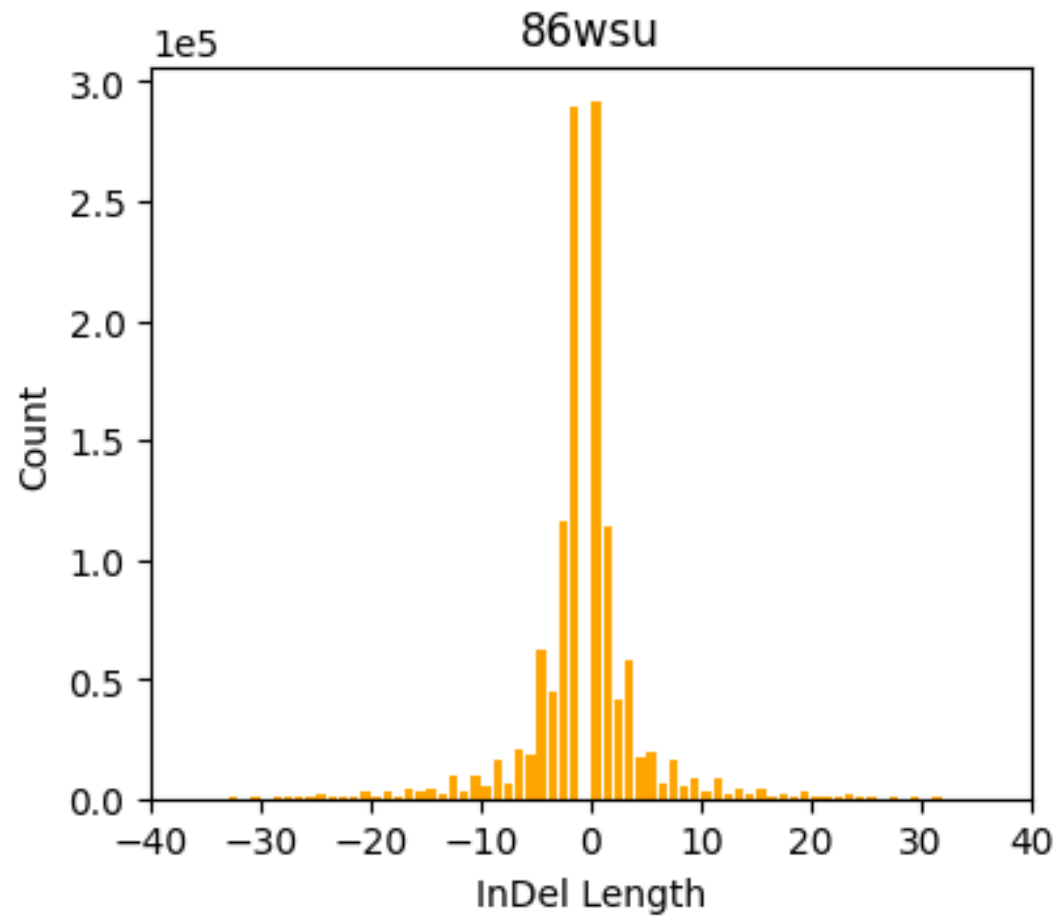
# Average depth by sample

# Number of SNPs by sample

86wsu

# Number of indels by sample

# Ts/Tv stratified by QUAL

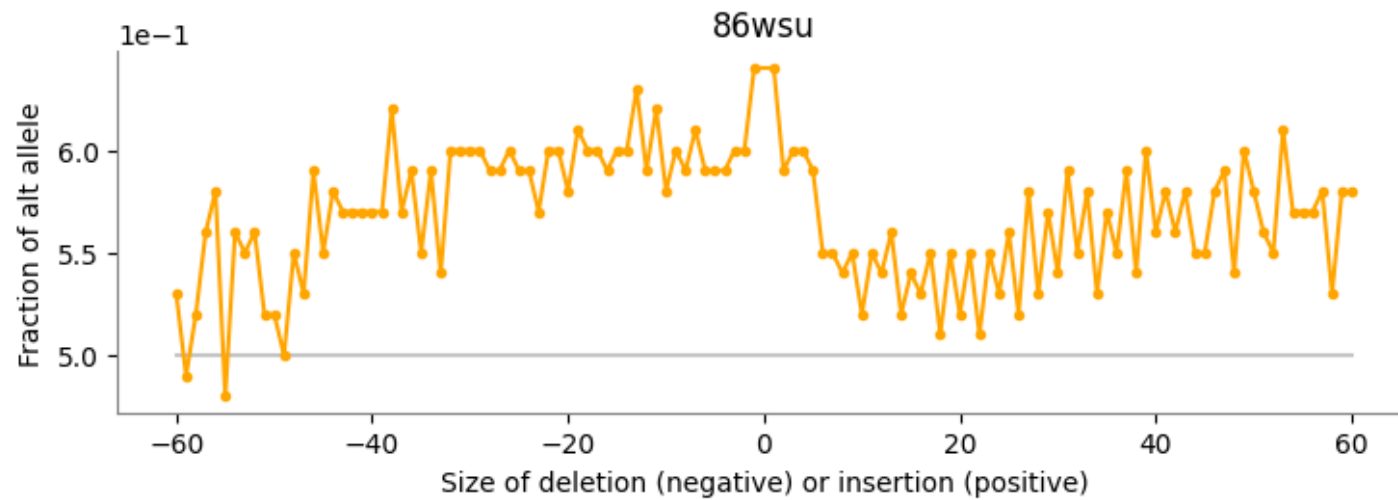# Indel distribution

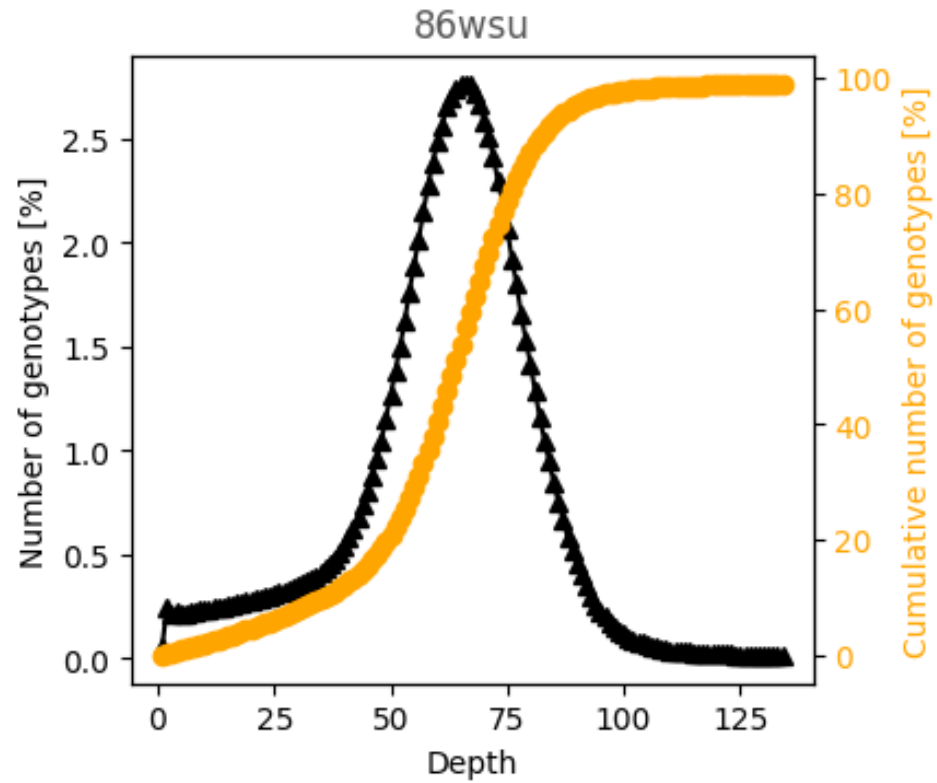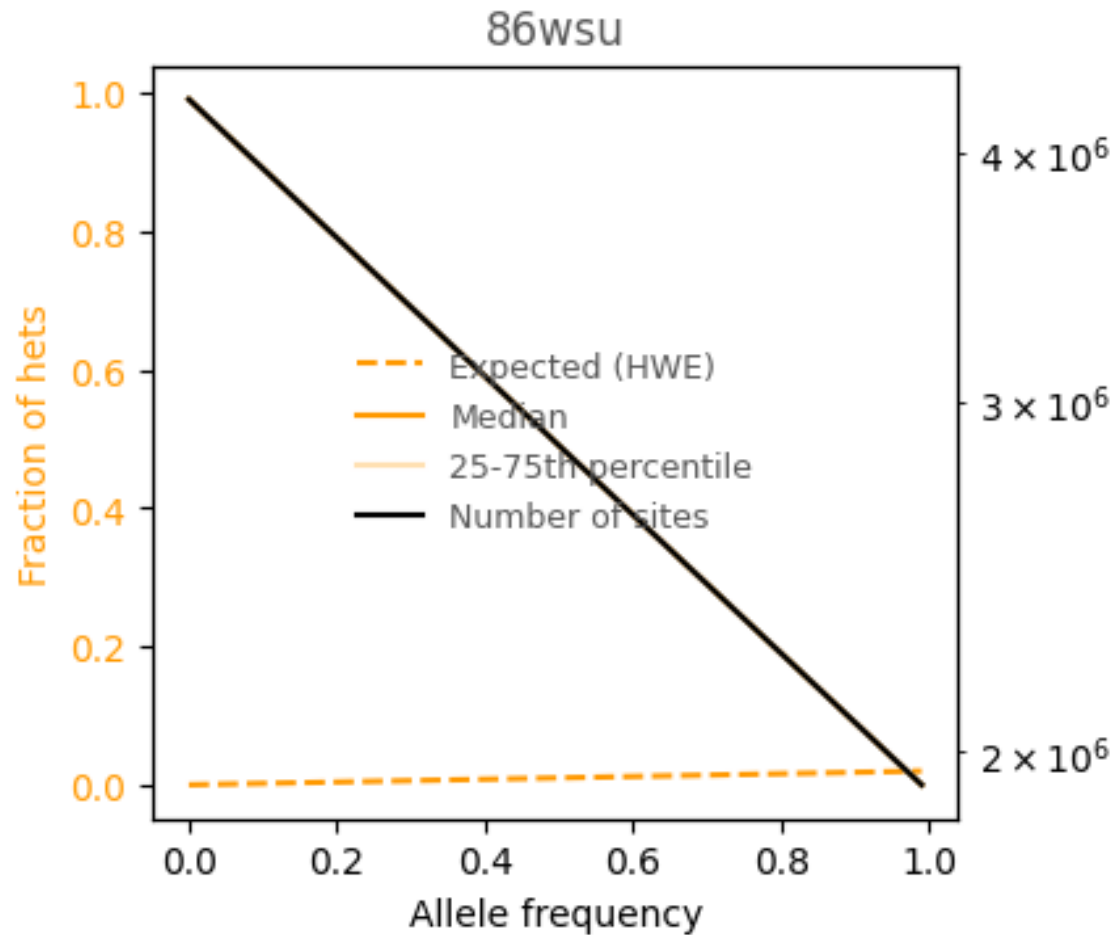# Fraction of alternate indel allele

# Depth distribution

# Number of HETs by AF

# Substitution types



86wsu