# Summary Numbers

| Callset | SNPs | | | indels | | MNPs | others |
|---------|------|------|----------|--------|------|------|--------|
| | n | ts/tv | (1st ALT) | n | frm* | | |
| 80ome | 4,089,553 | 1.93 | 1.93 | 953,416 | – | 0 | 0 |
| | | | | | | * frameshift ratio: out/(out+in) | |

| Callset | singletons (AC=1) | | | multiallelic | |
|---------|------|-------|--------|-------|------|
| | SNPs | ts/tv | indels | sites | SNPs |
| 80ome | 63.3% | 1.90 | 68.2% | 102,070 | 2,027 |

- 80ome .. `/ngc/projects2/gm/data/archive/2022/variants/snv/80omeathf-103918061079-Normal_B`
    `lood_noinfo-WGS_v1_IlluminaDNAPCRFree_RHGM01933-221005_A00559_BH3CVLDSX5-EXT_LAB`
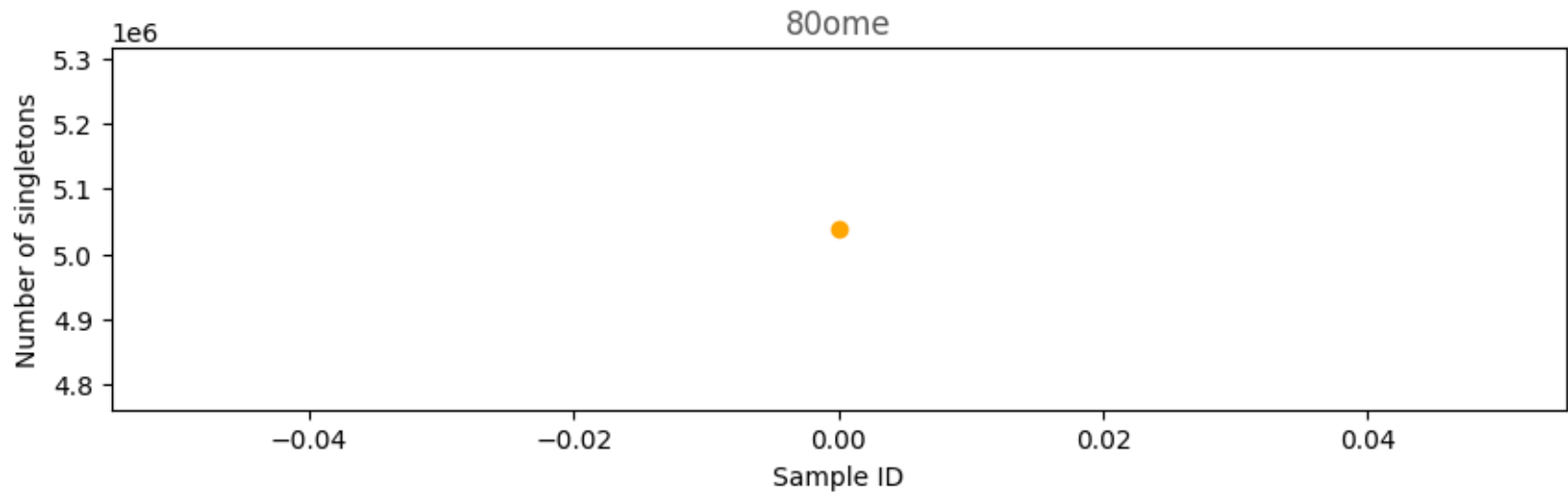    `KA_NGCWGS-NGCWGS05737_snv_germline_raw.haplotype_caller.vcf.gz`
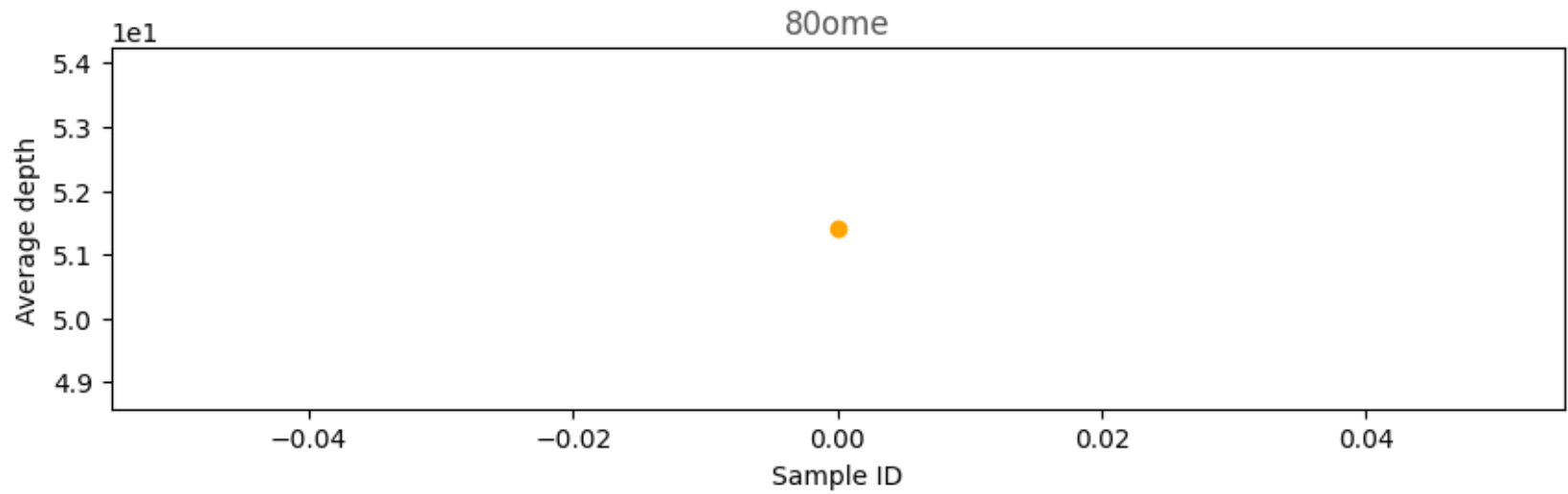
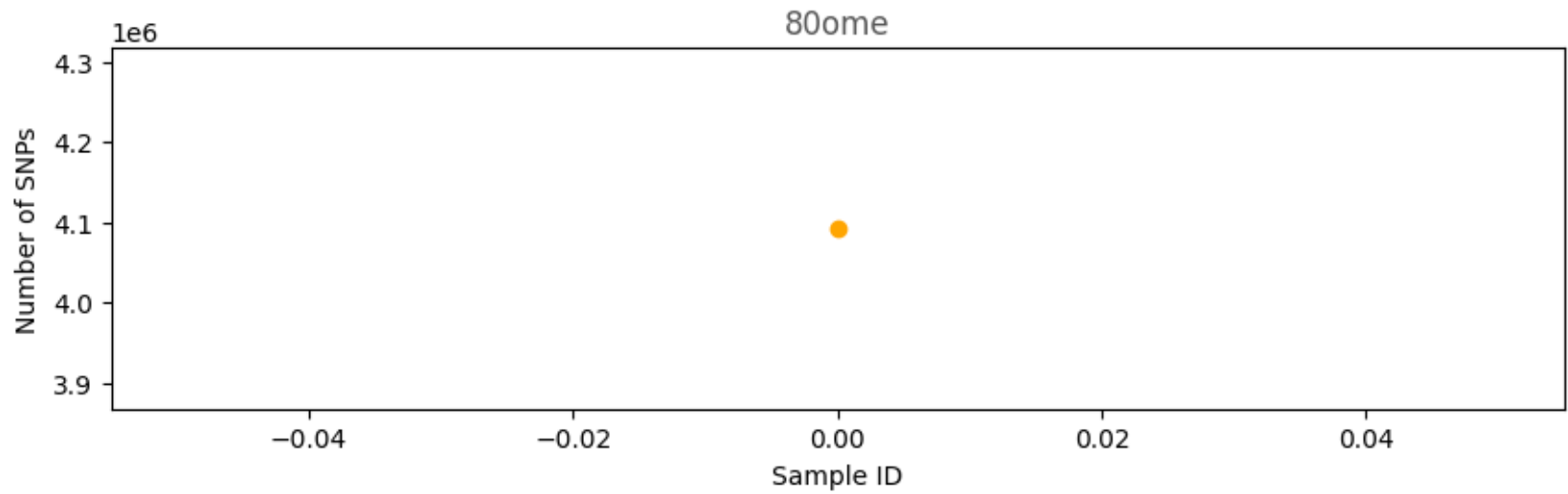# Ts/Tv by sample



80ome
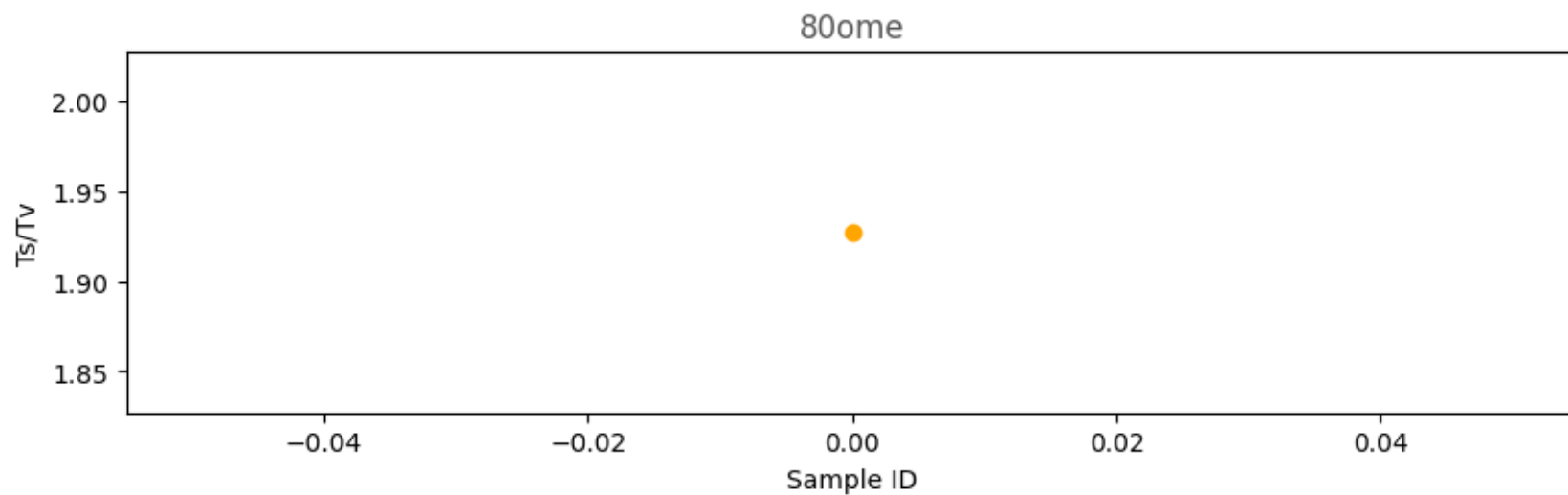
# Hets vs non-ref Homs by sample
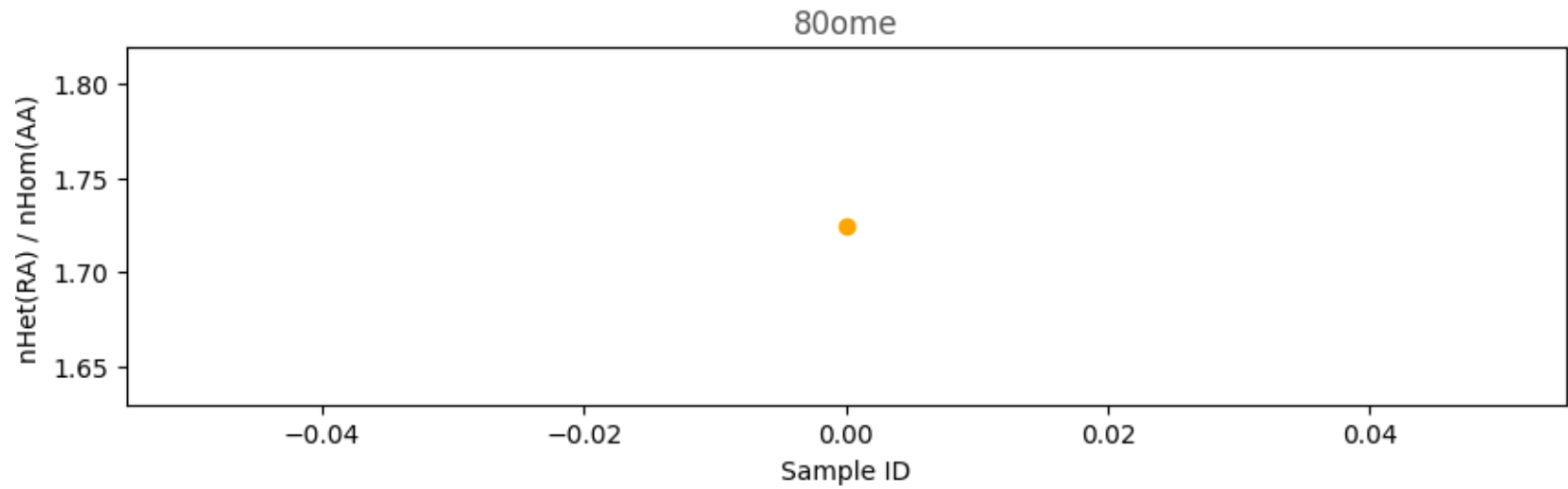
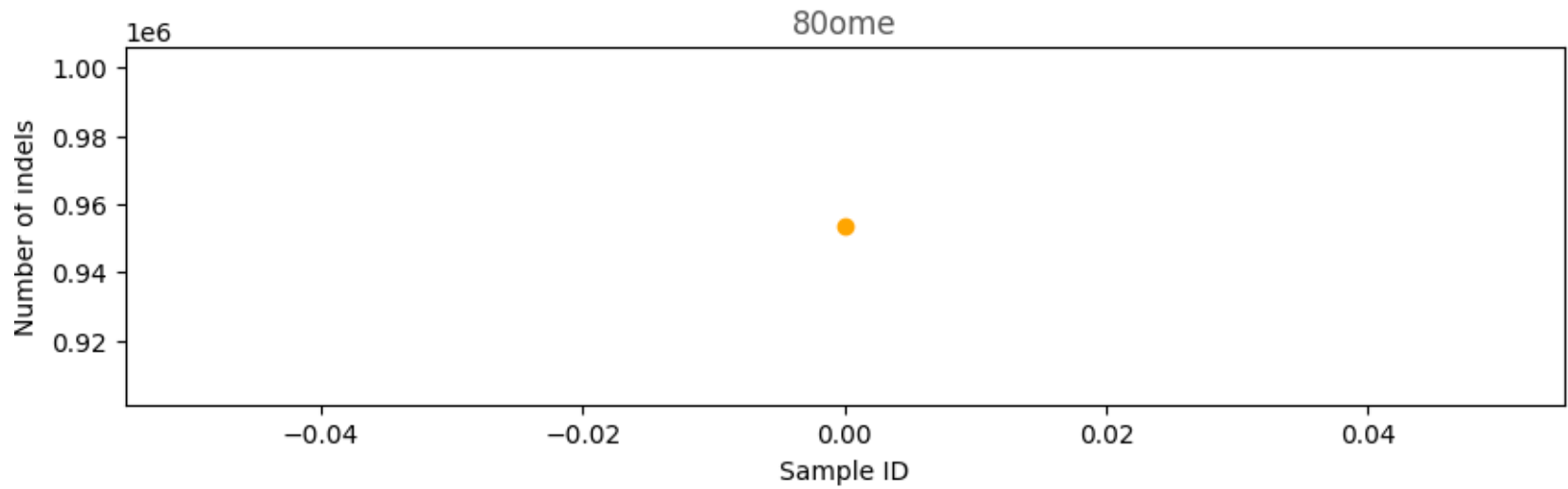# Singletons by sample (hets and homs)
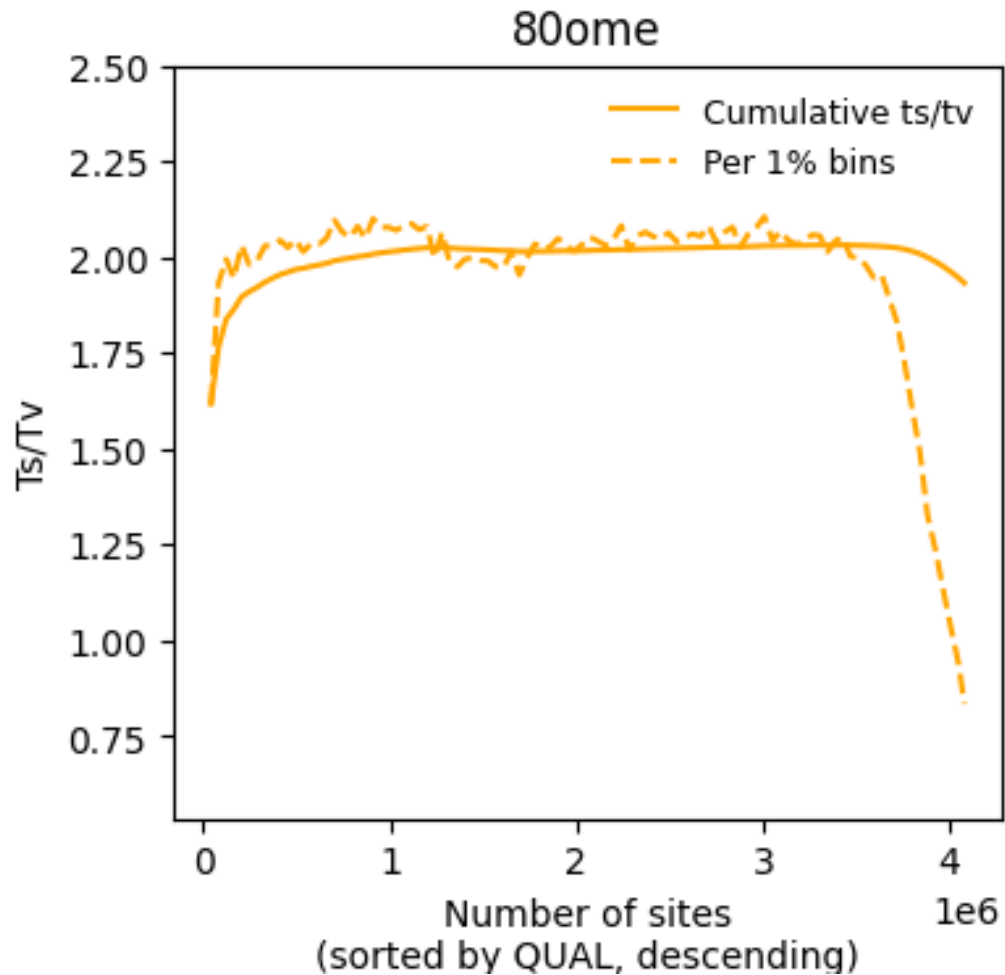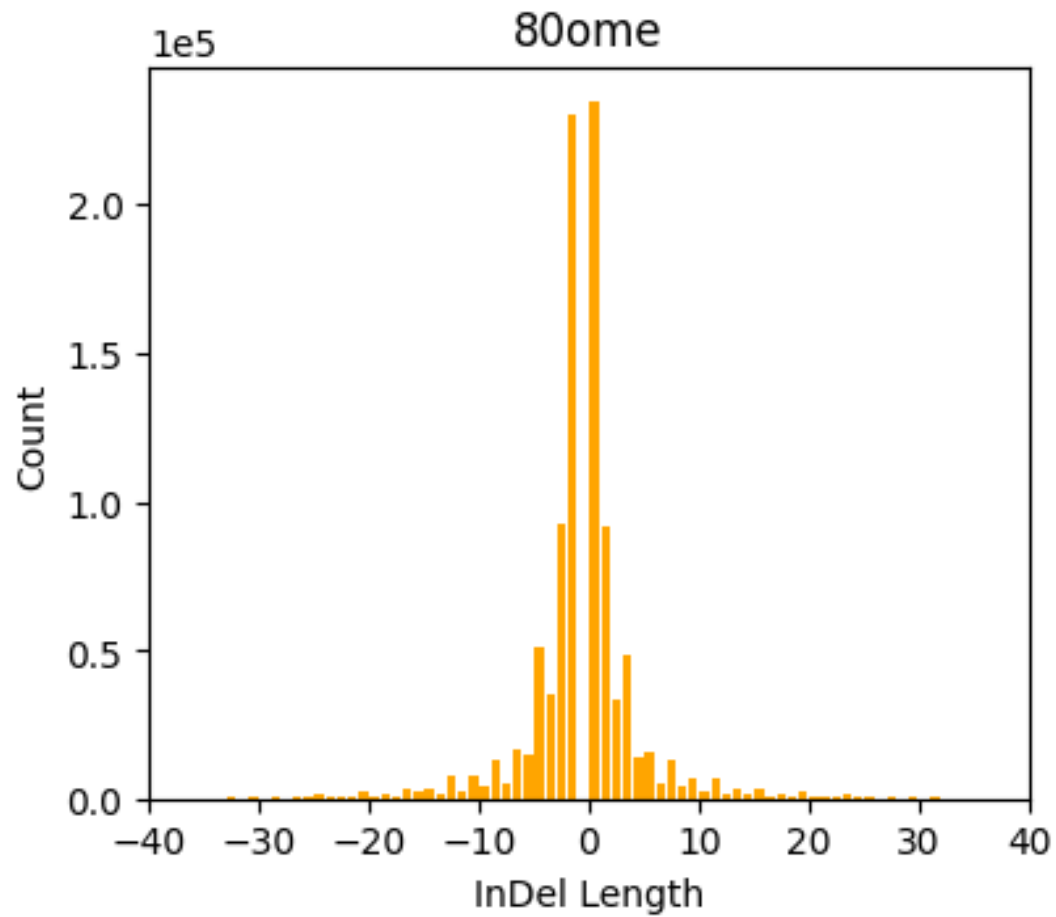
# Average depth by sample
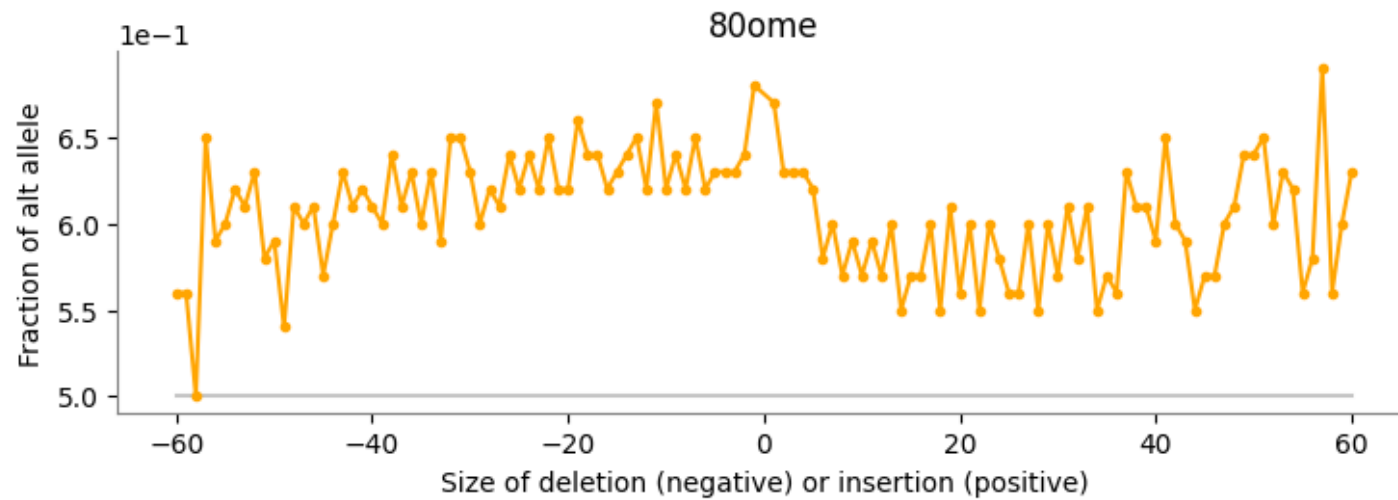
# Number of SNPs by sample

# Number of indels by sample

# Ts/Tv stratified by QUAL



80ome

# Indel distribution

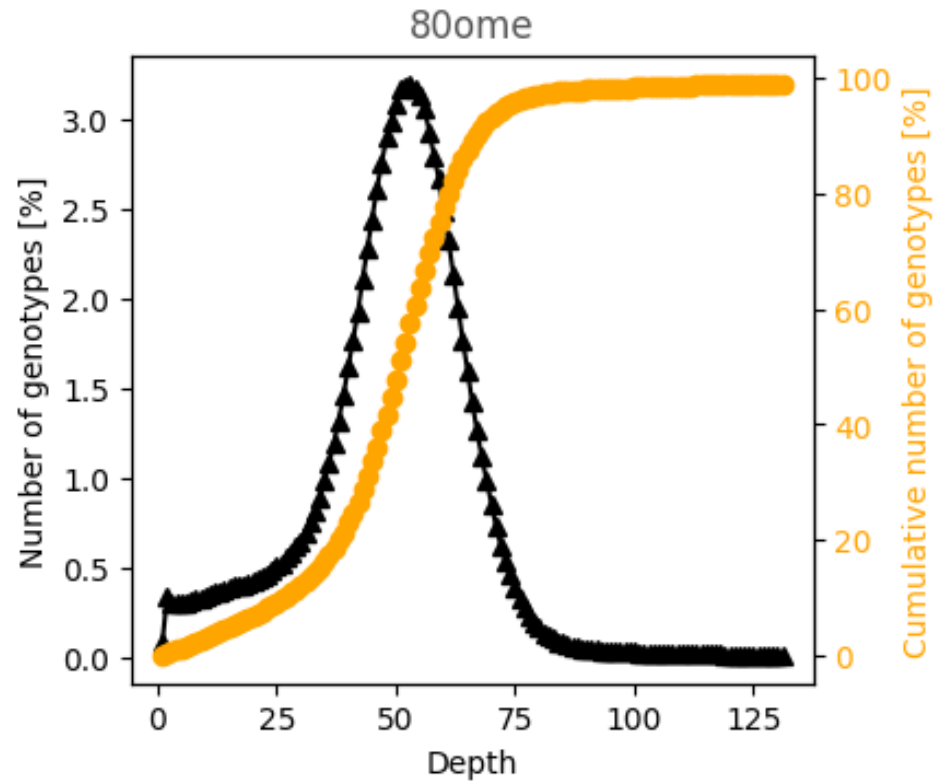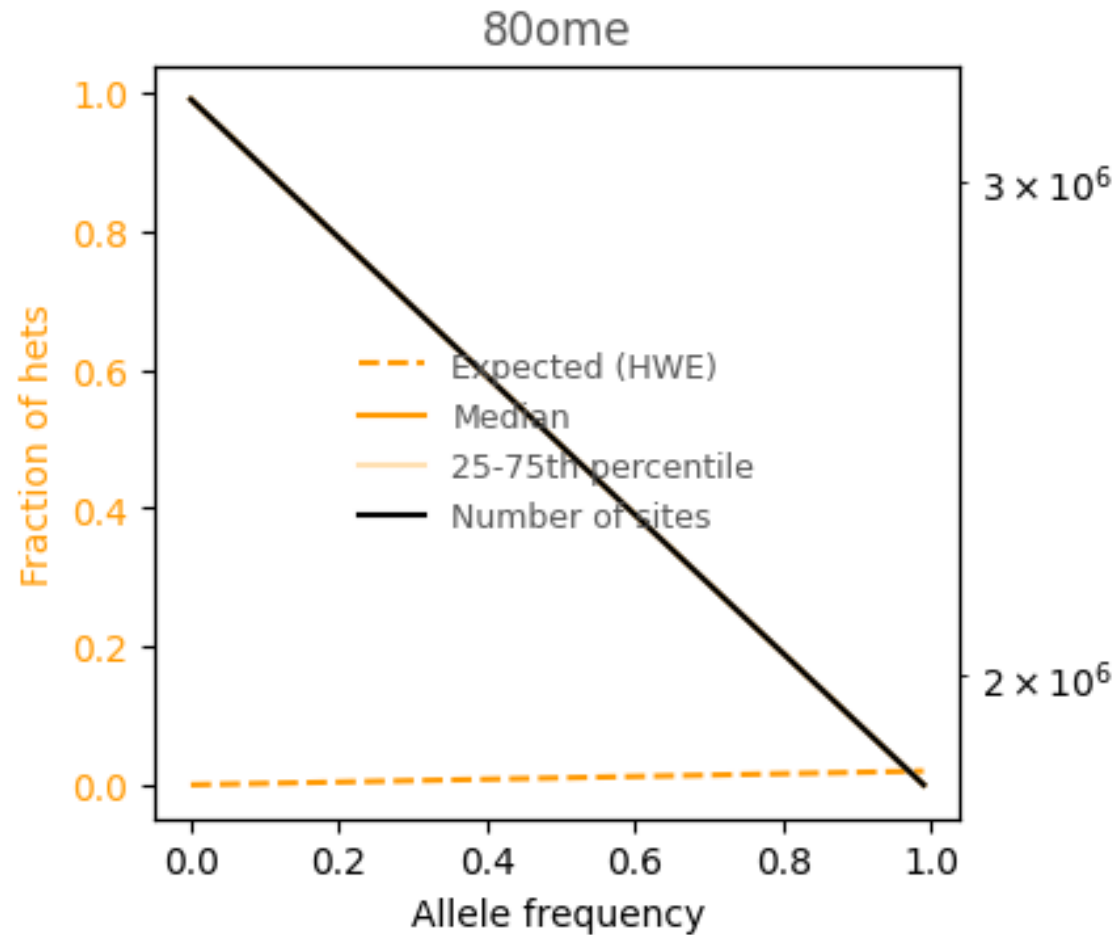# Fraction of alternate indel allele

# Depth distribution

# Number of HETs by AF

# Substitution types