# Summary Numbers

| Callset | SNPs | | | indels | | MNPs | others |
|---|---|---|---|---|---|---|---|
| | n | ts/tv | (1st ALT) | n | frm* | | |
| 21hed | 4,086,048 | 1.93 | 1.93 | 957,947 | – | 0 | 0 |
| | | | | | * frameshift ratio: out/(out+in) | | |

| Callset | singletons (AC=1) | | | multiallelic | |
|---|---|---|---|---|---|
| | SNPs | ts/tv | indels | sites | SNPs |
| 21hed | 62.5% | 1.89 | 67.5% | 103,574 | 1,928 |

- 21hed .. `/ngc/projects2/gm/data/archive/2022/variants/snv/21hedtecm-103802665990-Normal_B lood_noinfo-WGS_v1_IlluminaDNAPCRFree_X-211110_A01411_AHT7VJDSX2-RHGM_LABKA_WGSA KUT-WGSAKUT03317_21RKG026937x01_snv_germline_raw.haplotype_caller.vcf.gz`
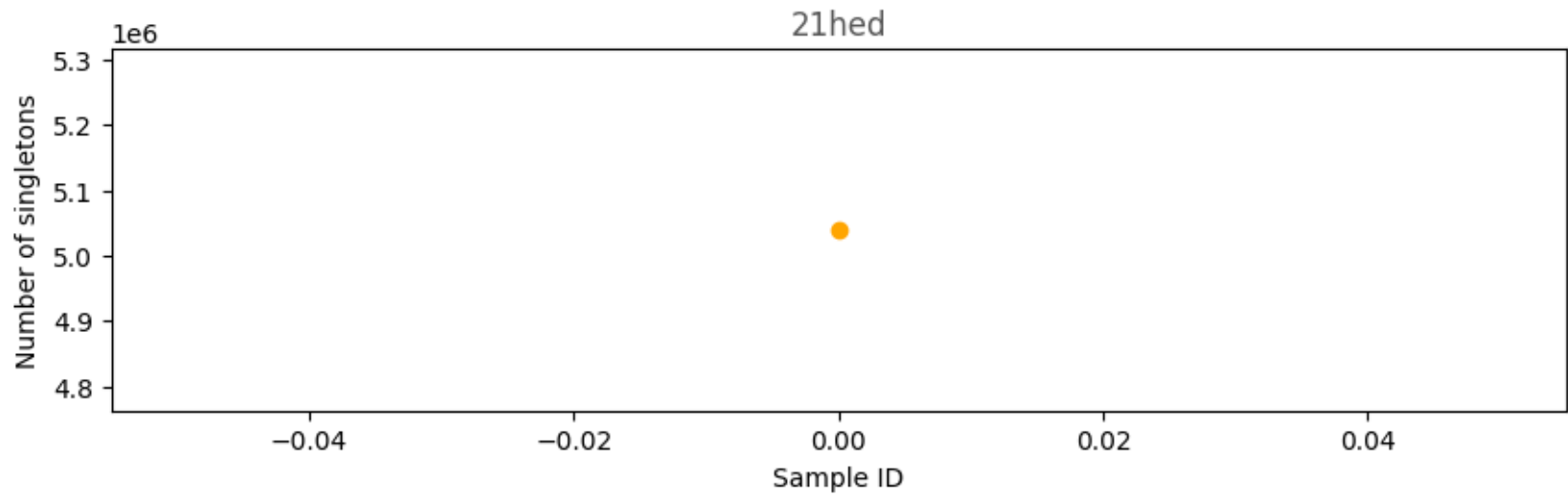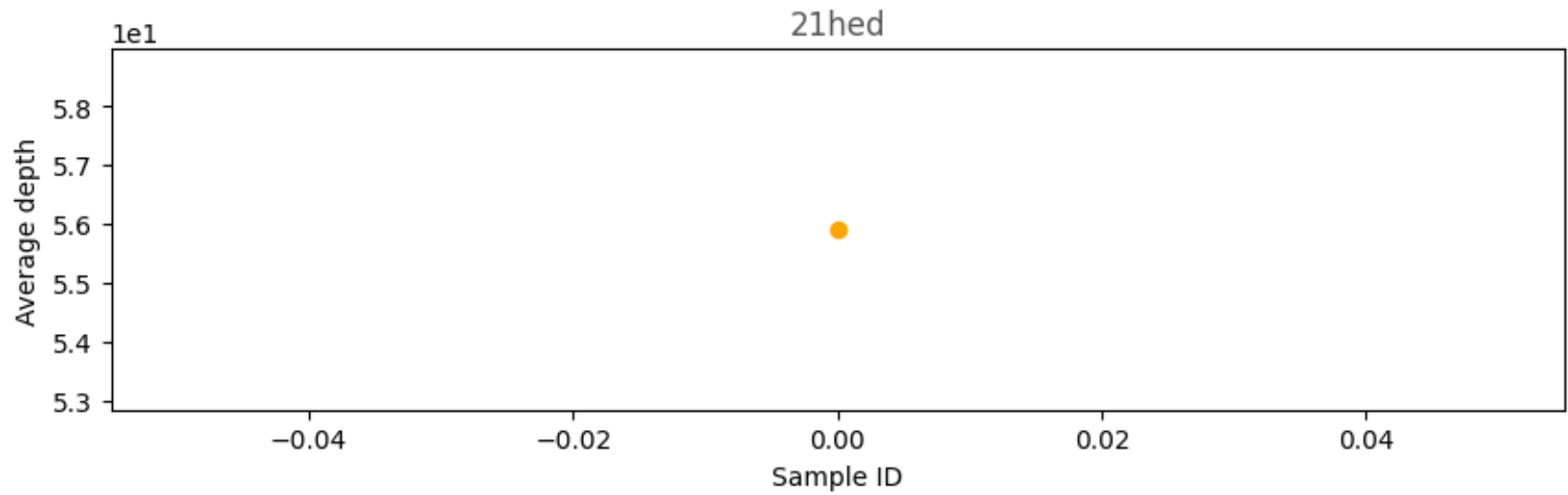
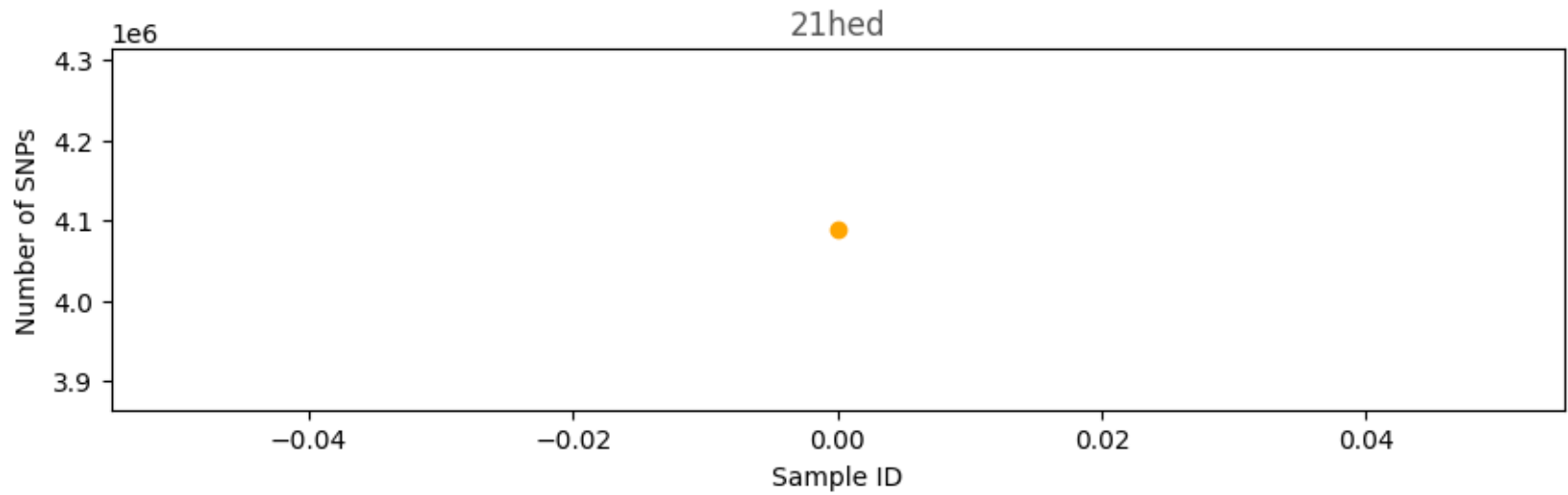# Ts/Tv by sample



21hed
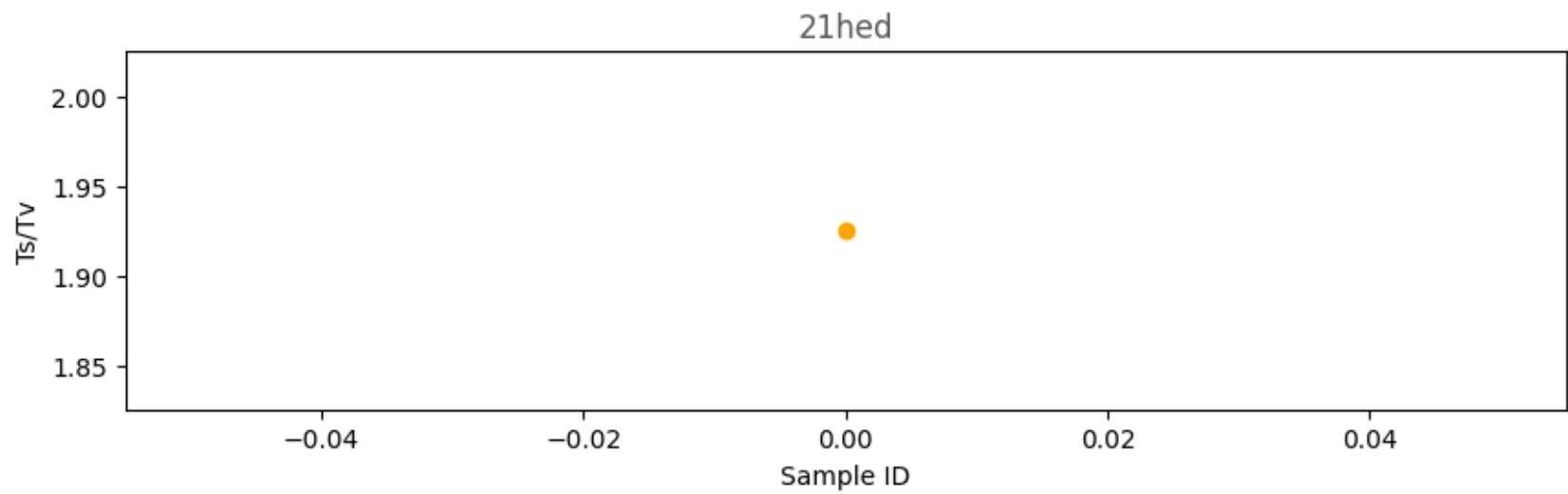
# Hets vs non-ref Homs by sample
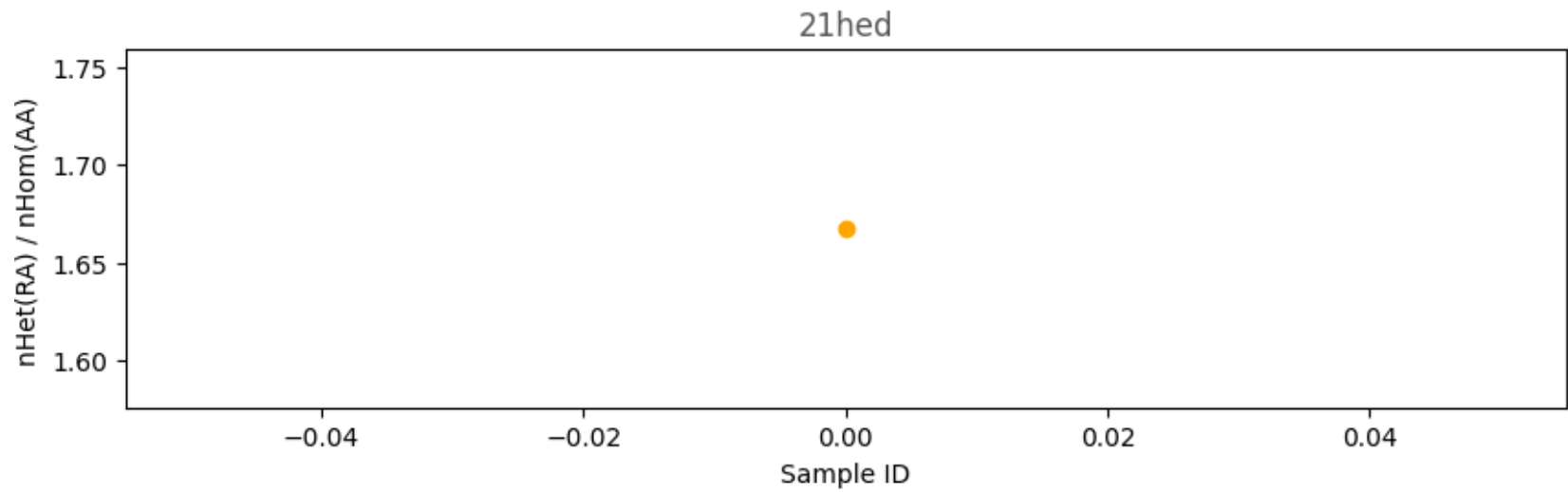
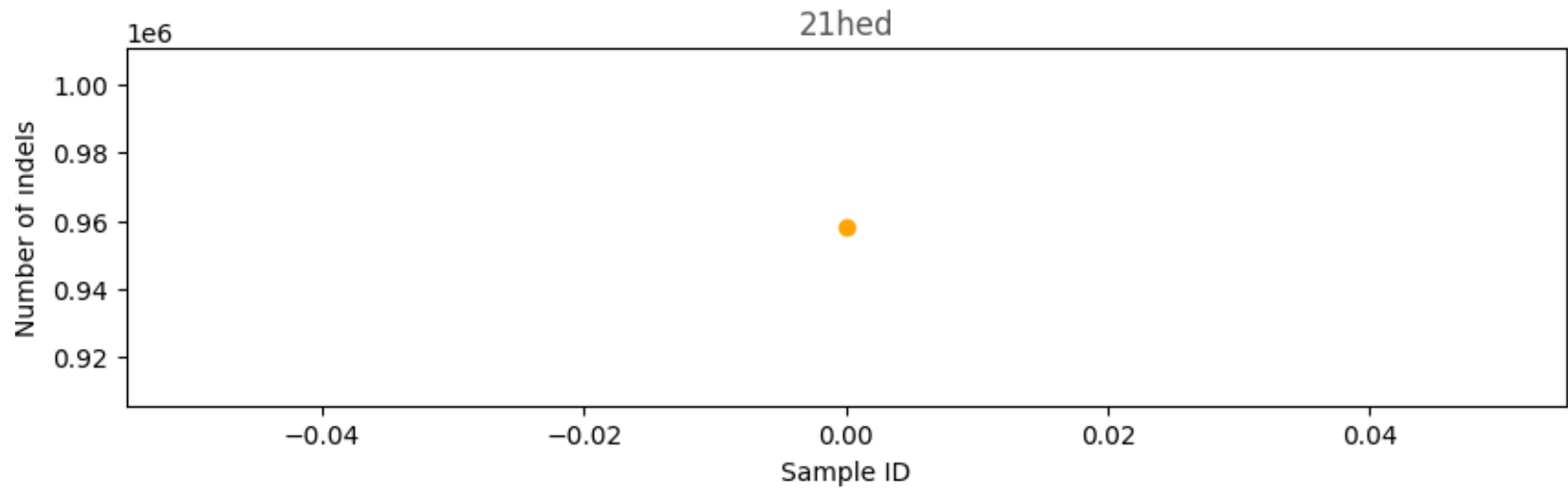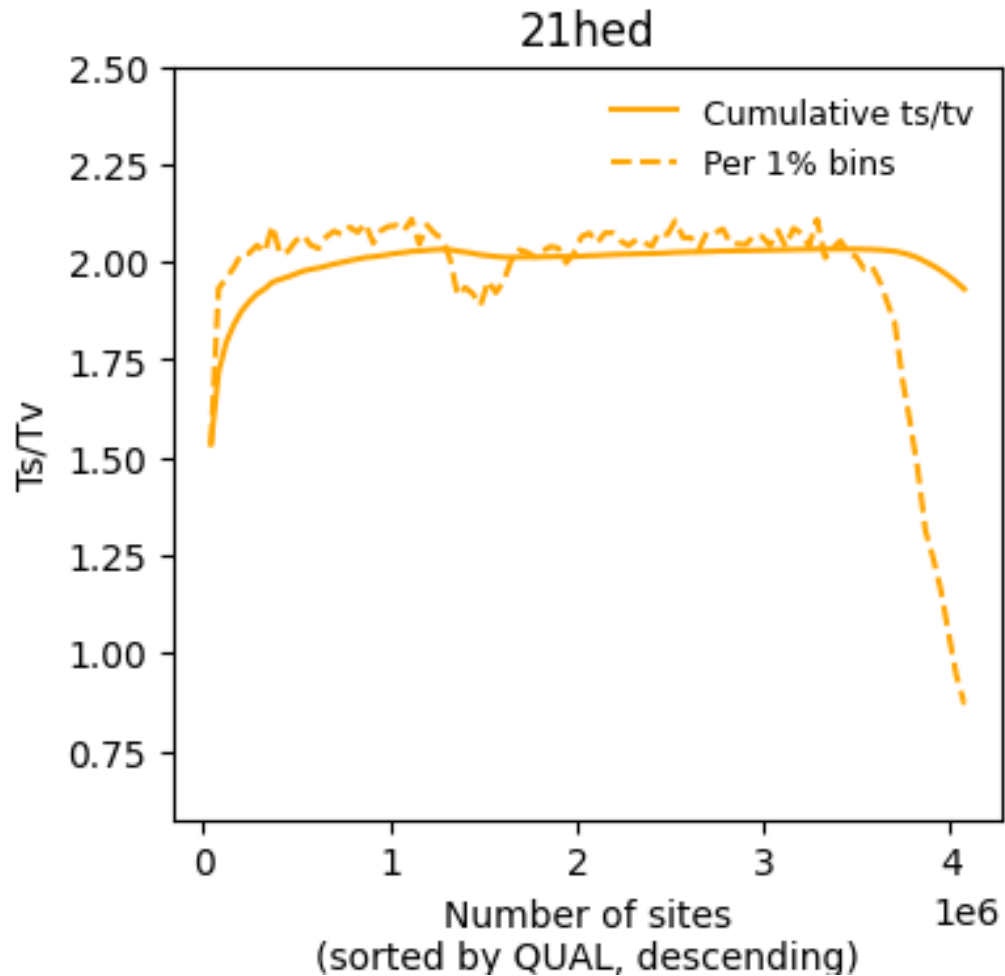# Singletons by sample (hets and homs)
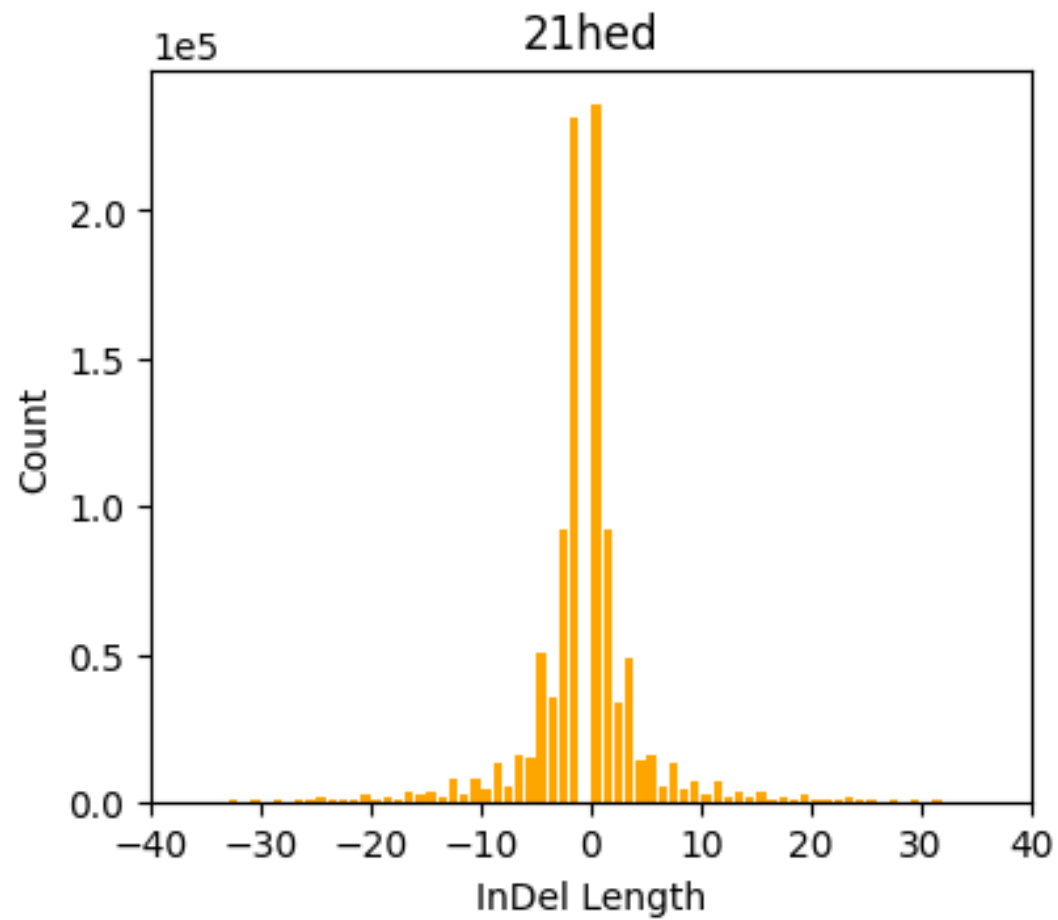
# Average depth by sample

# Number of SNPs by sample

# Number of indels by sample

# Ts/Tv stratified by QUAL

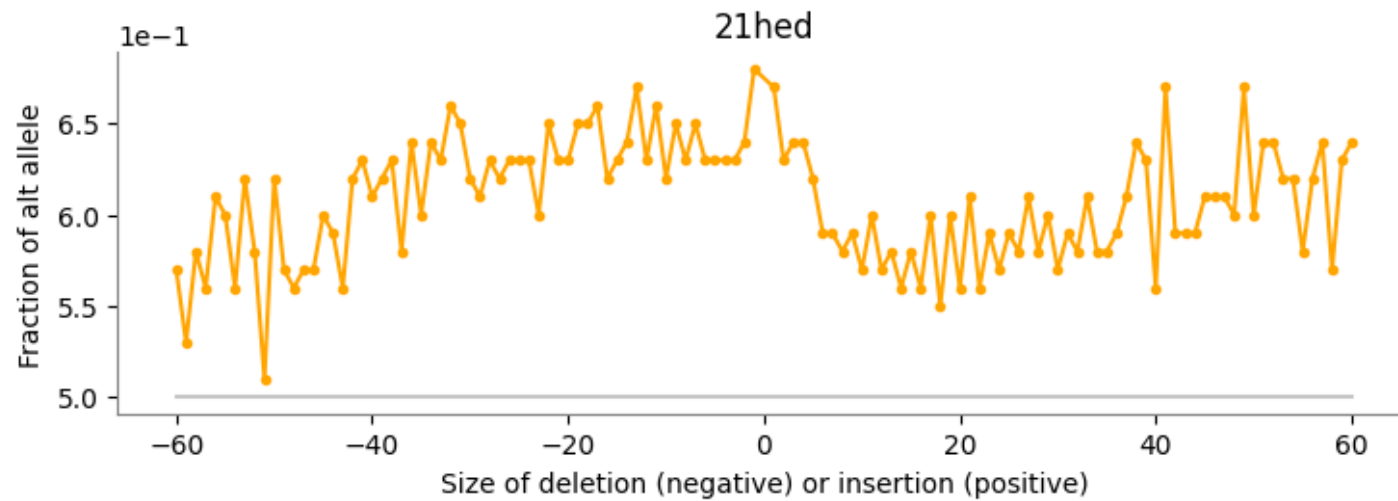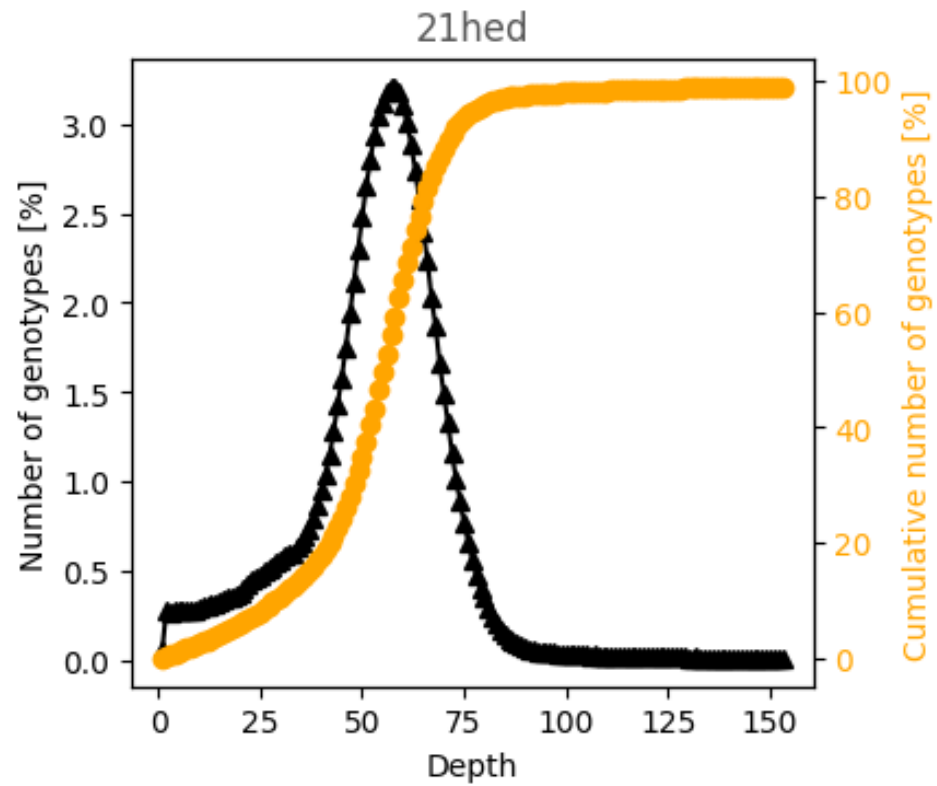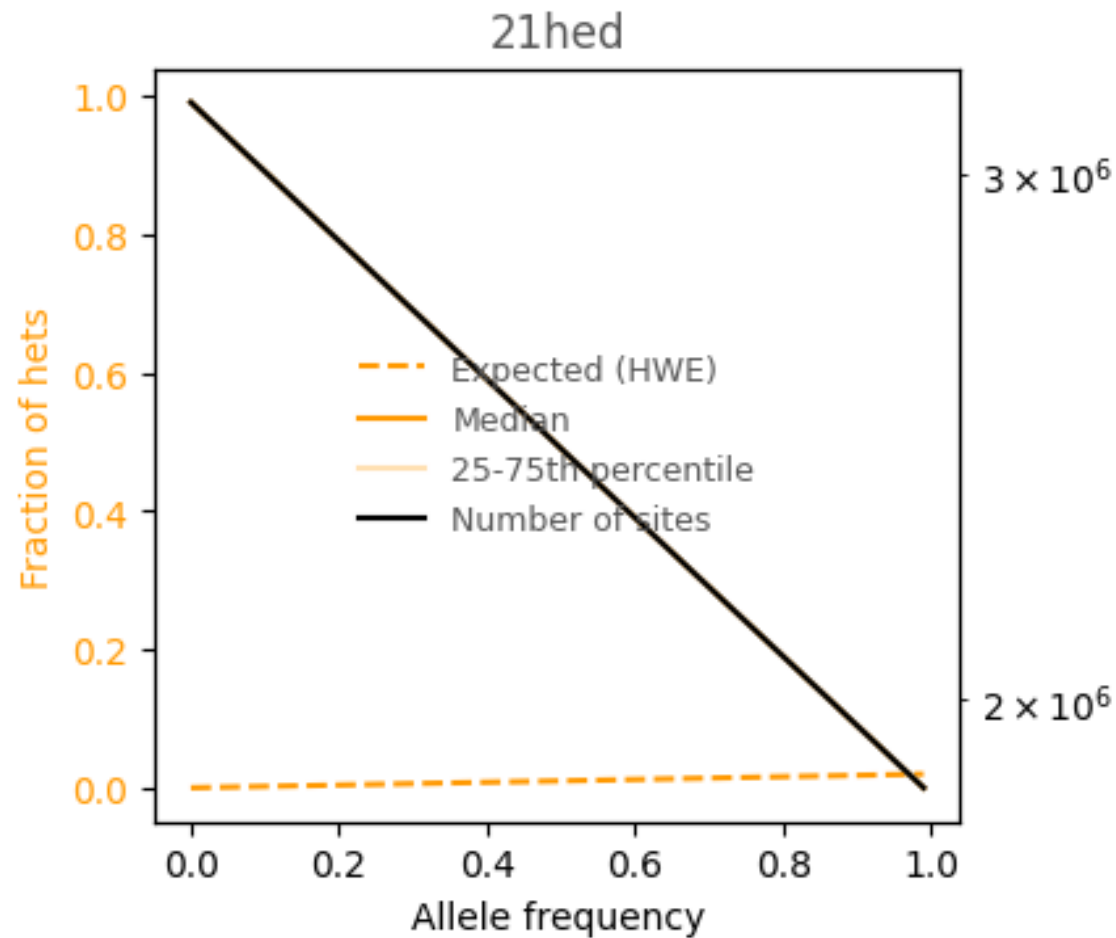# Indel distribution

# Fraction of alternate indel allele

# Depth distribution

# Number of HETs by AF

# Substitution types