

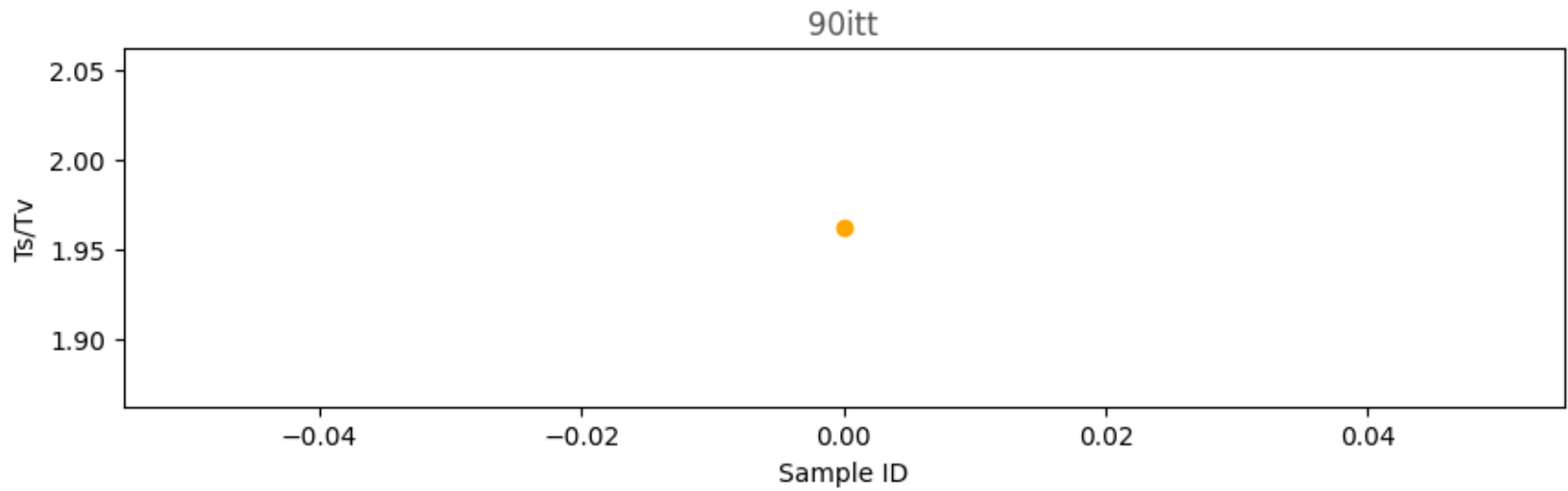
Summary Numbers

| Callset | SNPs | | | indels | | MNPs | others |
|----------------------------------|-----------|-------|-----------|---------|------|------|--------|
| | n | ts/tv | (1st ALT) | n | frm* | | |
| 90itt | 4,031,659 | 1.96 | 1.97 | 937,590 | – | 0 | 0 |
| * frameshift ratio: out/(out+in) | | | | | | | |

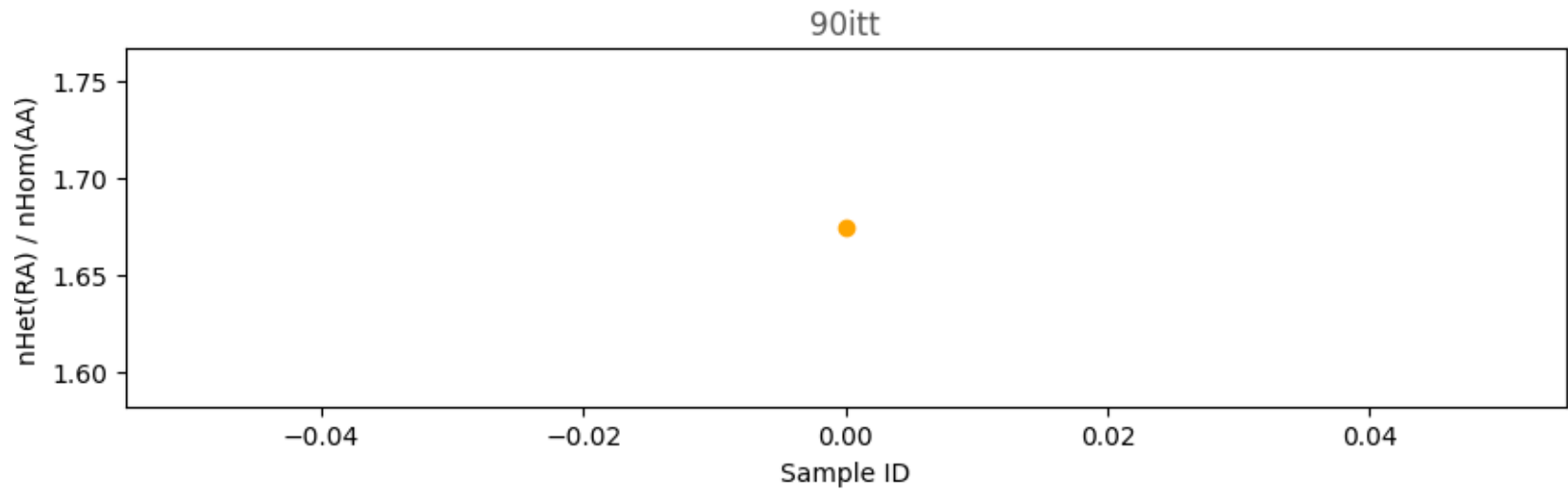
| Callset | singletons (AC=1) | | | multiallelic | |
|---------|-------------------|-------|--------|--------------|-------|
| | SNPs | ts/tv | indels | sites | SNPs |
| 90itt | 62.6% | 1.94 | 67.0% | 92,466 | 1,907 |

- 90itt .. /ngc/projects2/gm/data/archive/2022/variants/snv/90itttheef-103890968613-Normal_Blood_noinfo-WGS_v1_IlluminaDNAPCRFree_X-220720_A01176_BHMWVDSX3-RHGM_LABKA_WGS-WGS04690_snv_germline_raw.haplotype_caller.vcf.gz

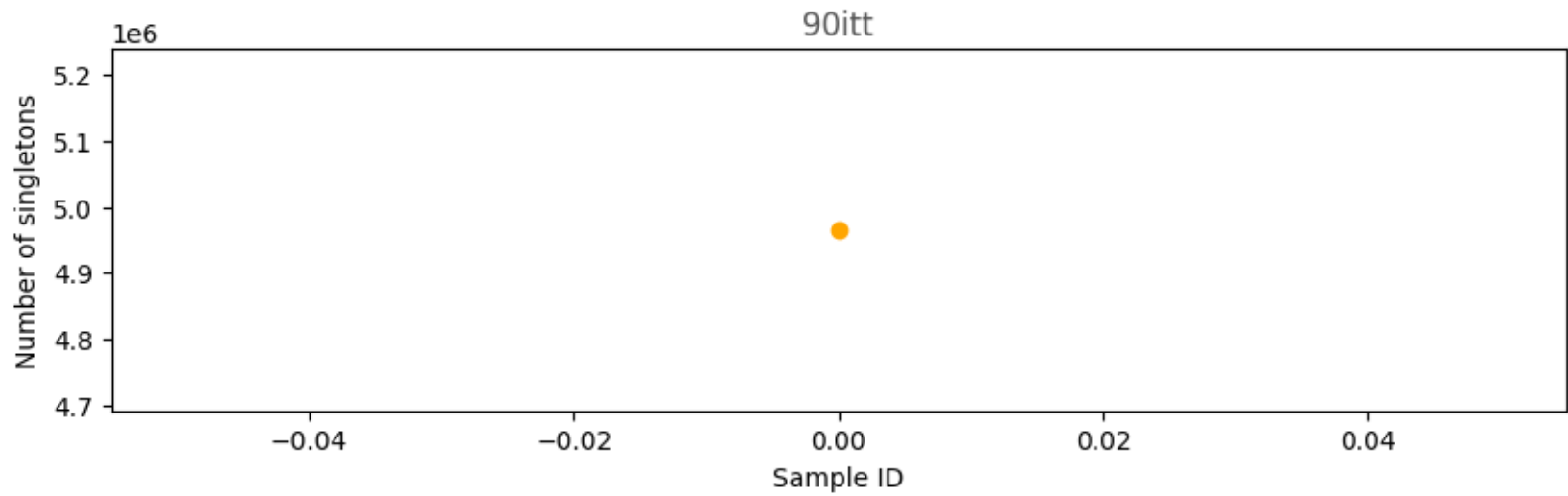
Ts/Tv by sample



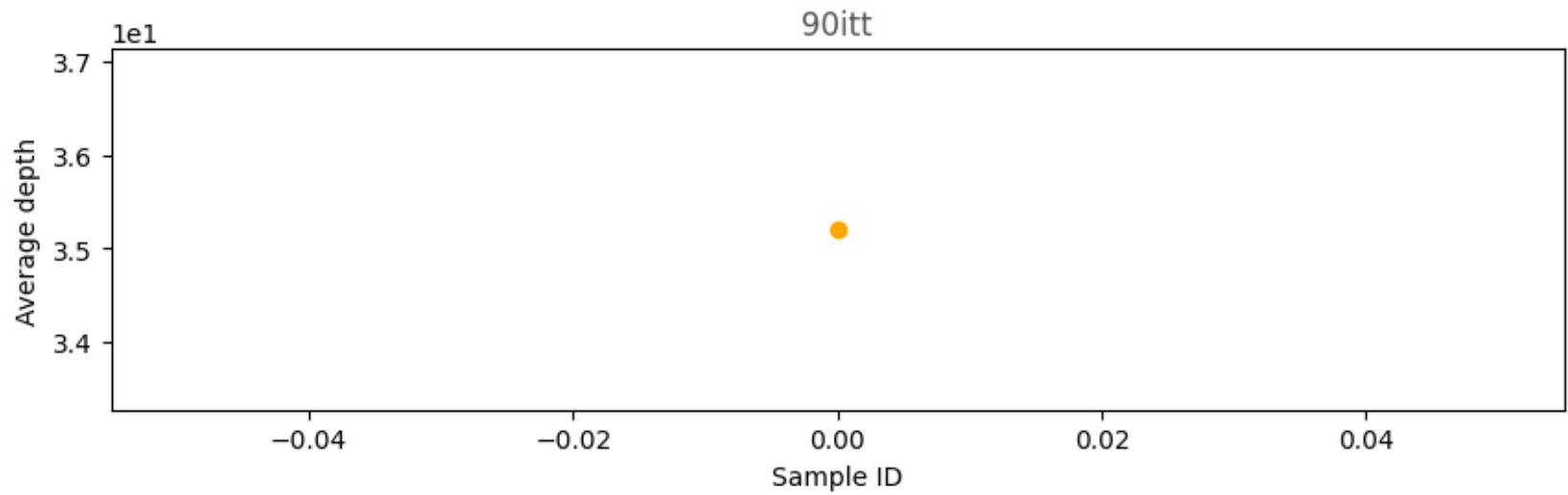
Hets vs non-ref Homs by sample



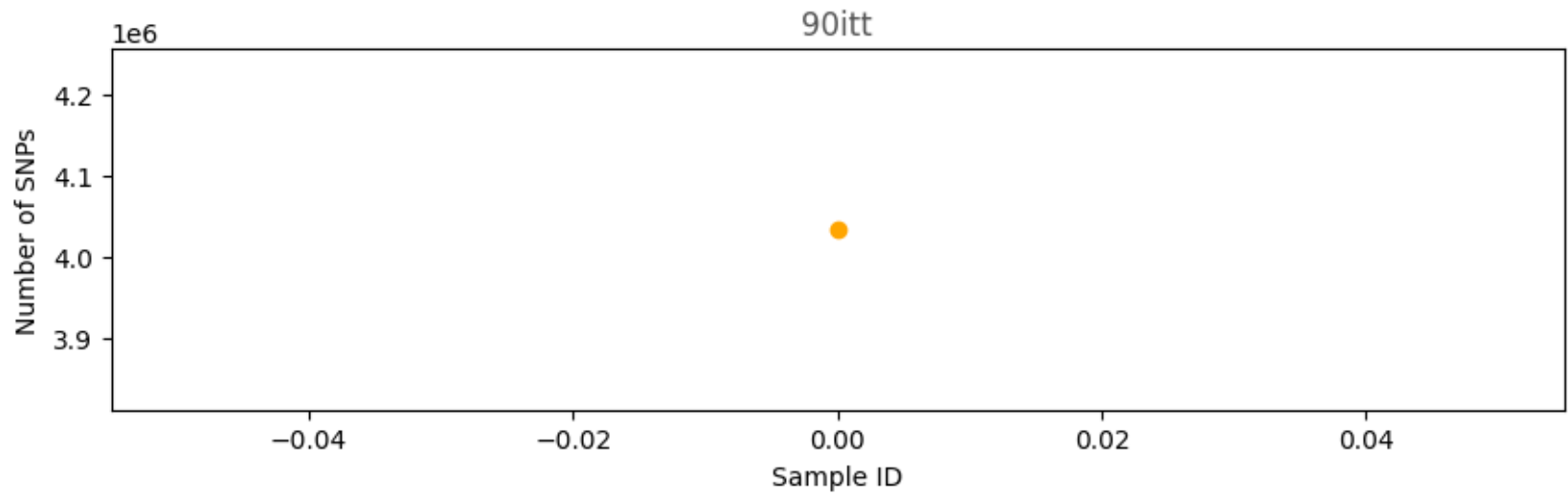
Singletons by sample (hets and homs)



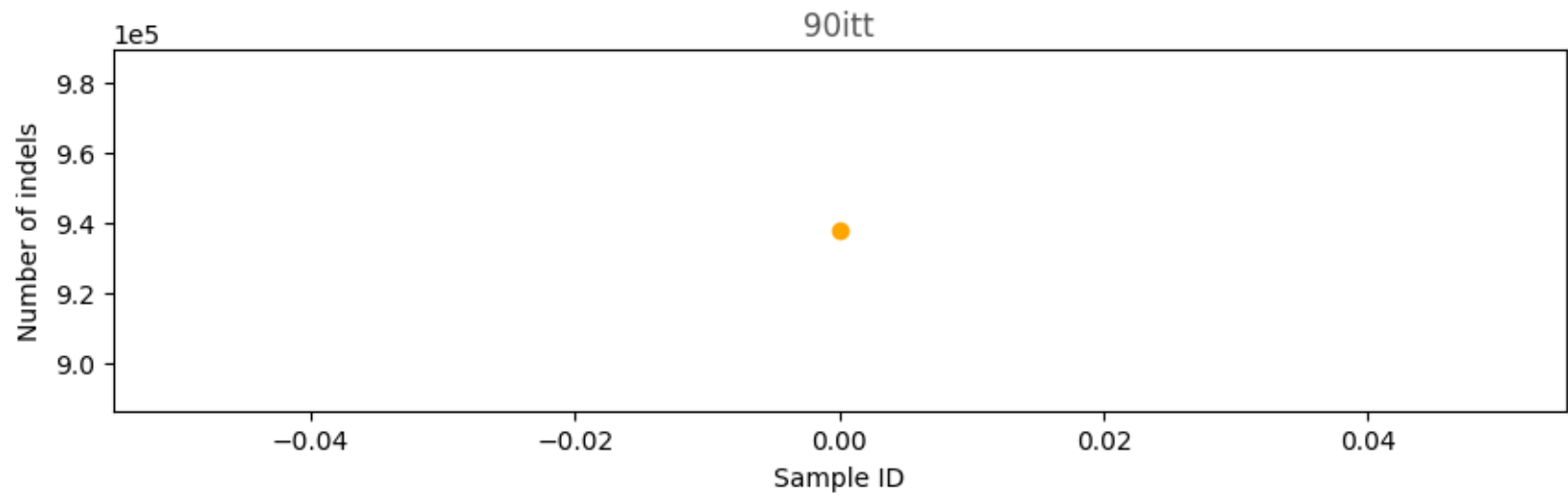
Average depth by sample



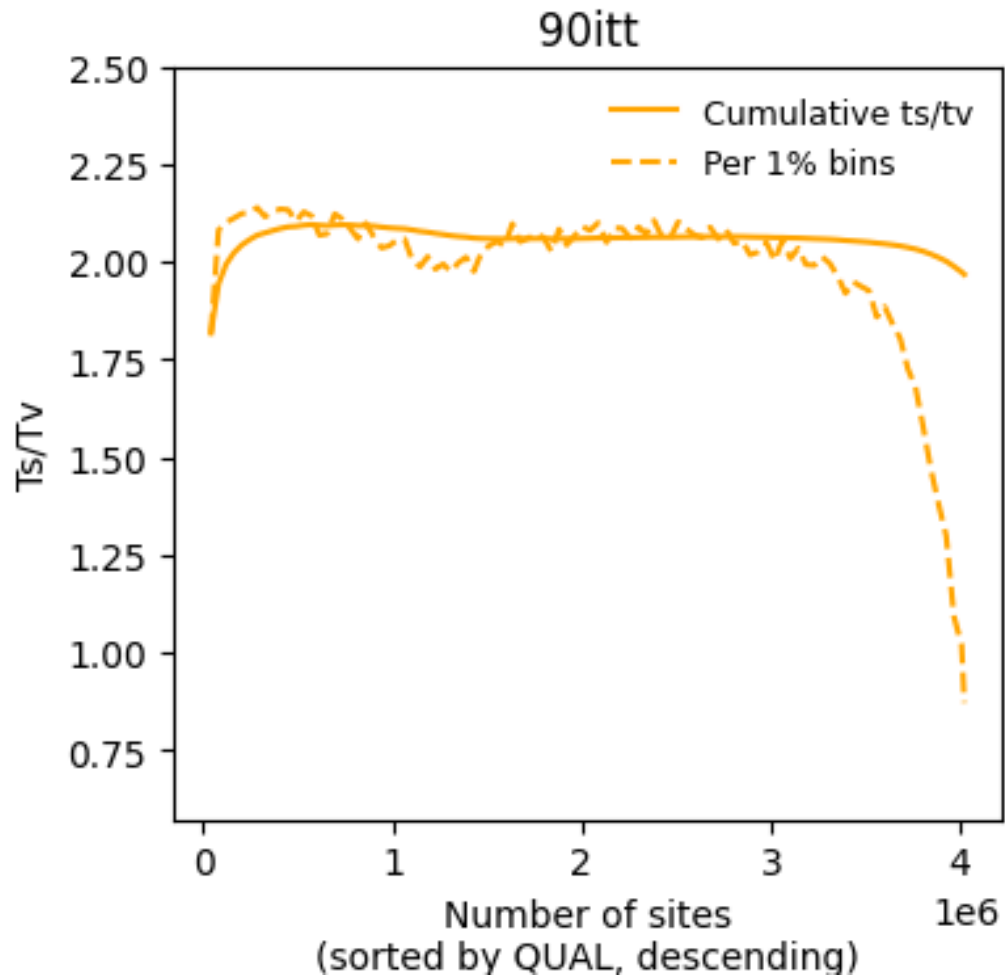
Number of SNPs by sample



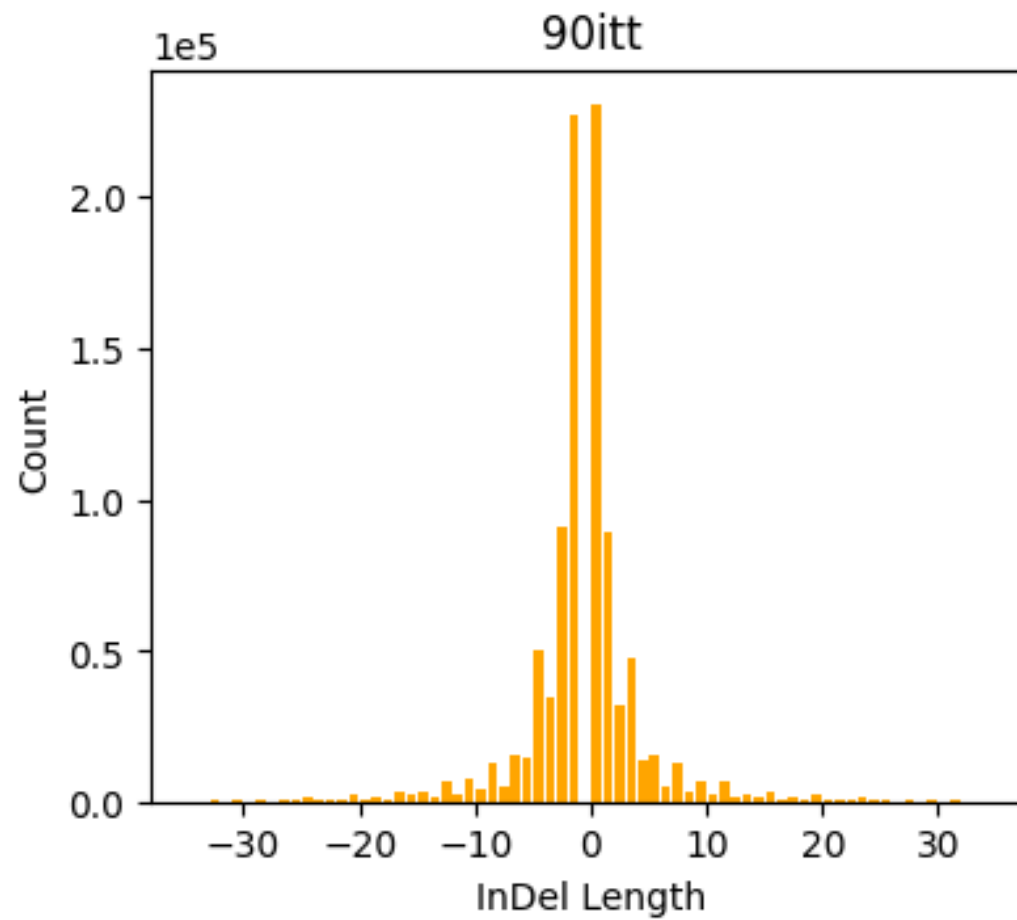
Number of indels by sample



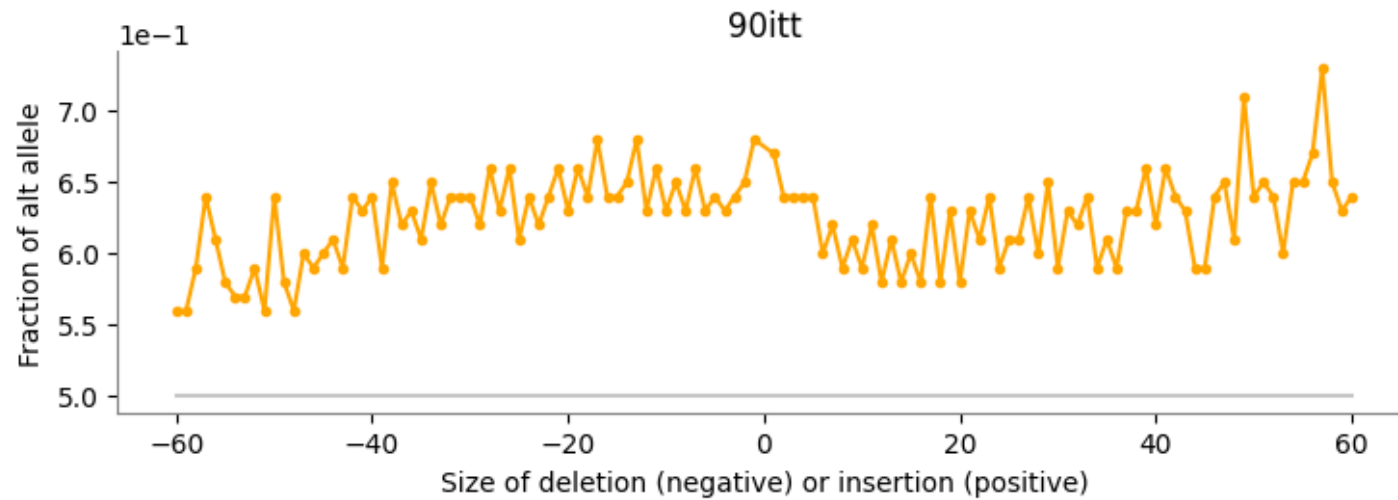
Ts/Tv stratified by QUAL



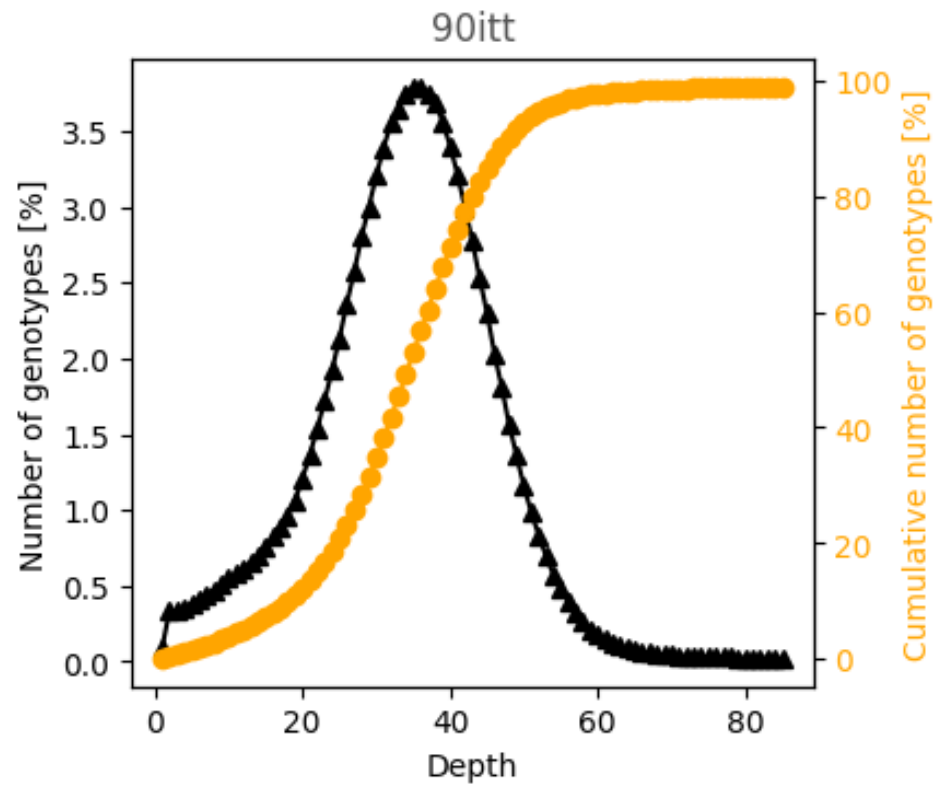
Indel distribution



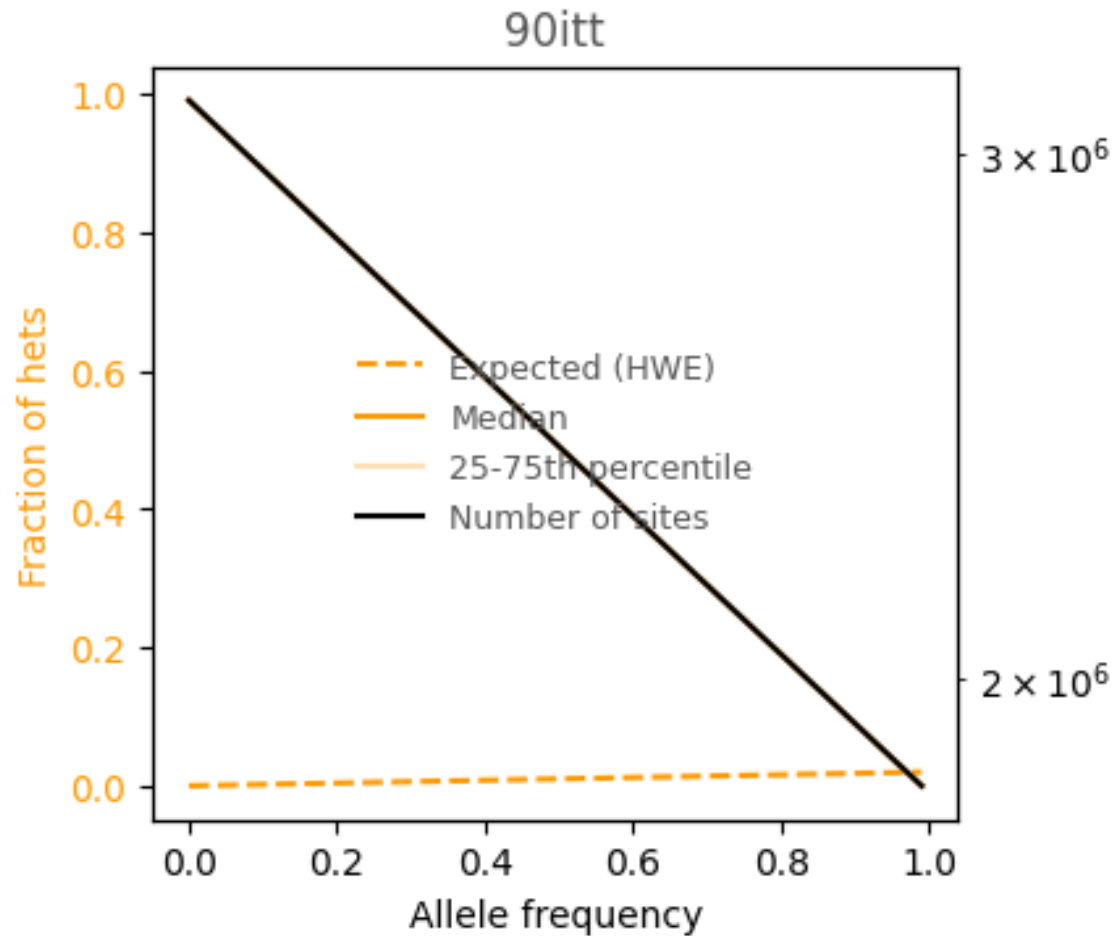
Fraction of alternate indel allele



Depth distribution



Number of HETs by AF



Substitution types

