

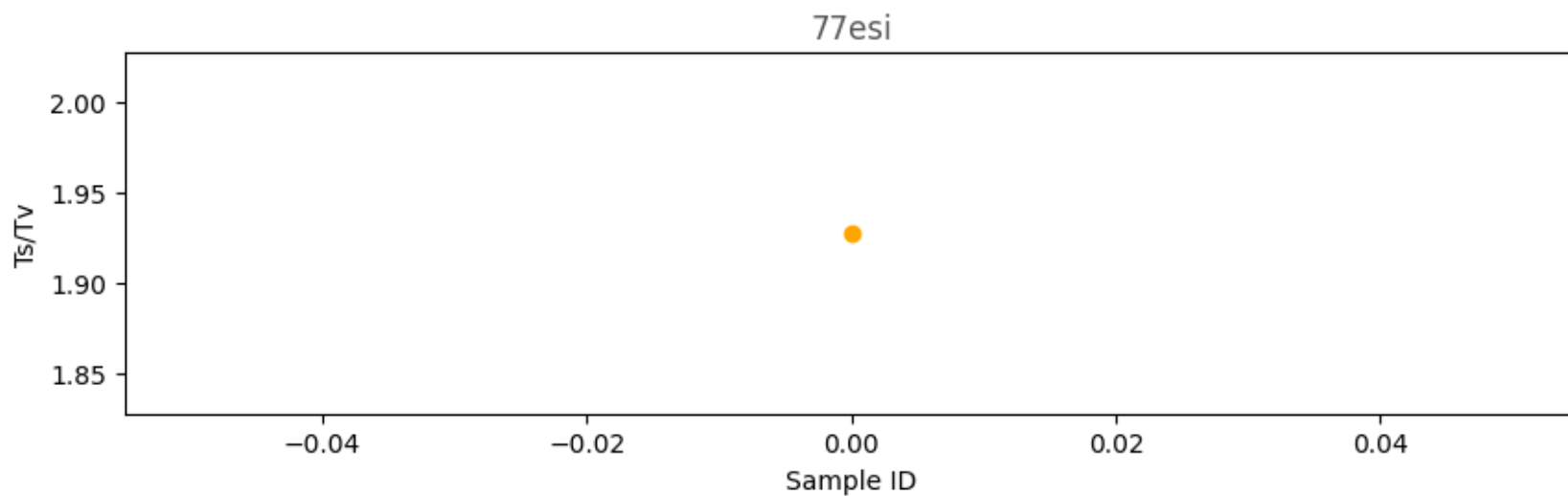
Summary Numbers

| Callset | SNPs | | | indels | | MNPs | others |
|----------------------------------|-----------|-------|-----------|---------|------|------|--------|
| | n | ts/tv | (1st ALT) | n | frm* | | |
| 77esi | 4,051,689 | 1.93 | 1.93 | 943,865 | – | 0 | 0 |
| * frameshift ratio: out/(out+in) | | | | | | | |

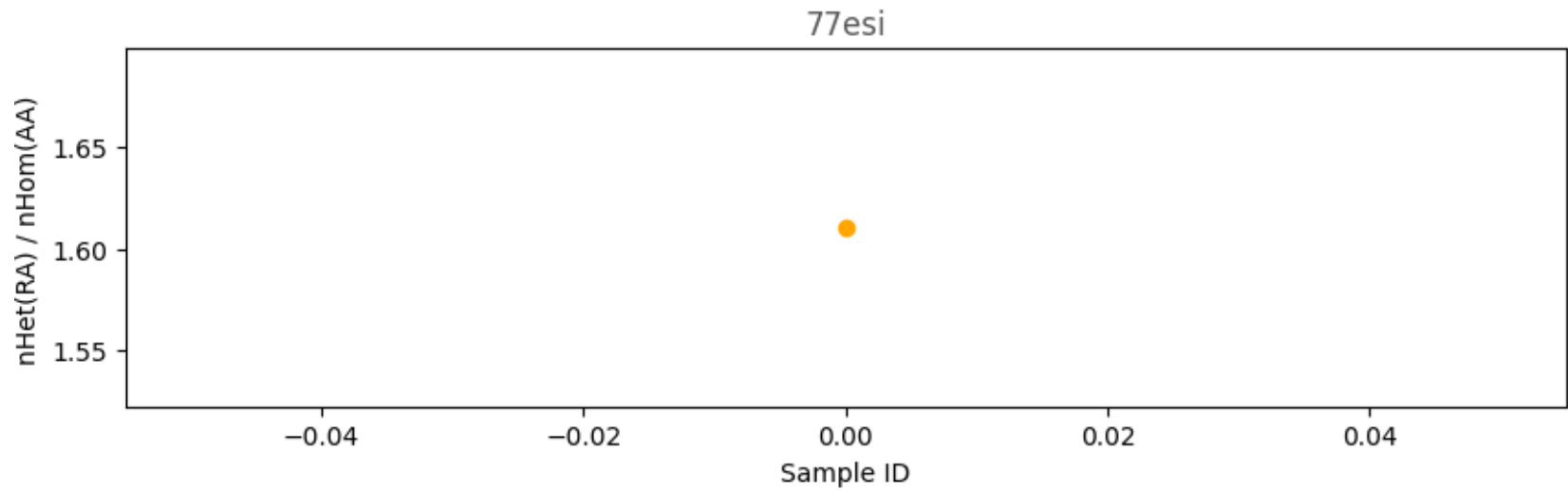
| Callset | singletons (AC=1) | | | multiallelic | |
|---------|-------------------|-------|--------|--------------|-------|
| | SNPs | ts/tv | indels | sites | SNPs |
| 77esi | 61.7% | 1.89 | 66.3% | 98,133 | 1,904 |

- 77esi .. /ngc/projects2/gm/data/archive/2022/variants/snv/77esiogem-103855592785-Normal_Blood_noinfo-WGS_v1_IlluminaDNAPCRFree_RHGM00713-220407_A01176_BHGT17DSX3-EXT_LAB_KA_NGCWGS-NGCWGS04115_snv_germline_raw.haplotype_caller.vcf.gz

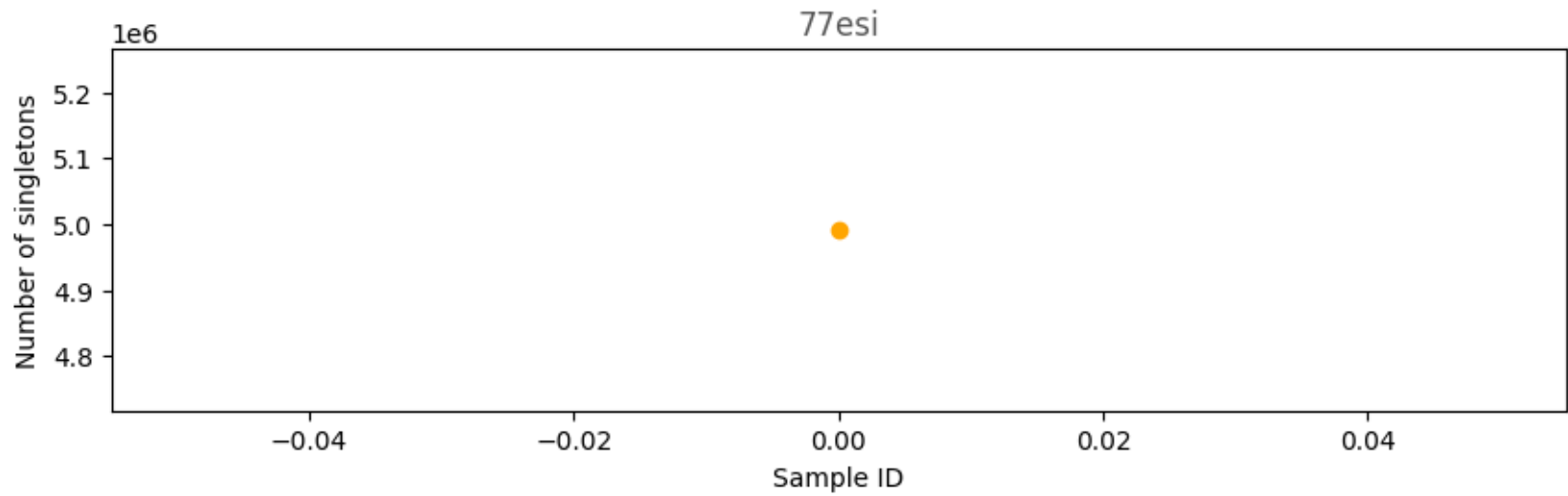
Ts/Tv by sample



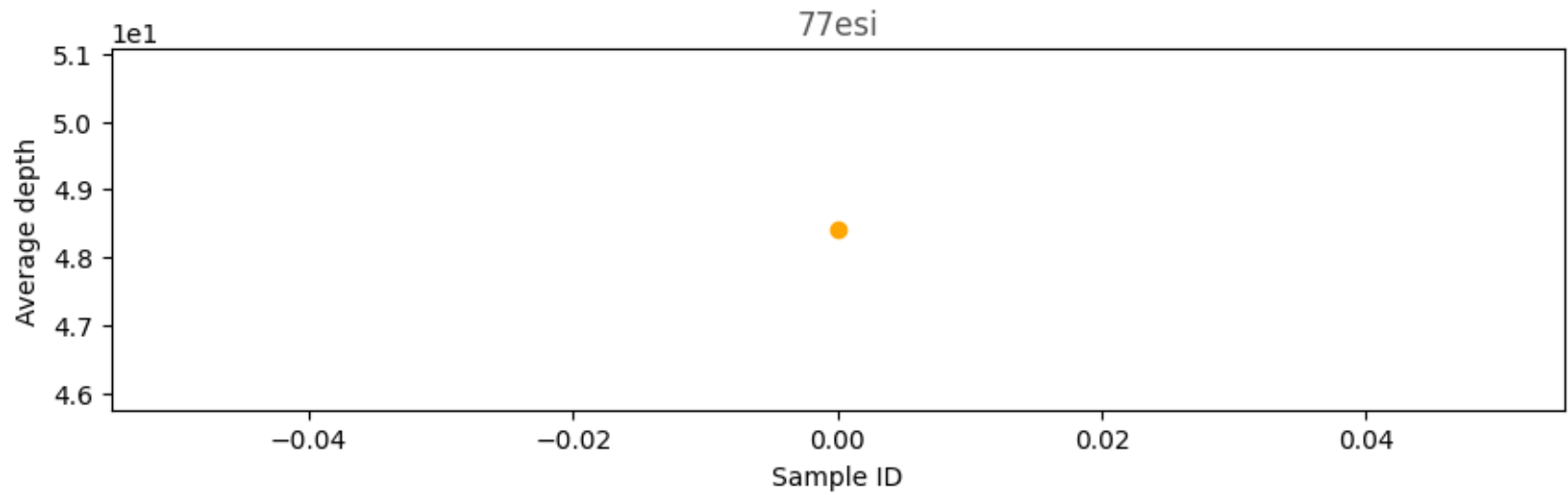
Hets vs non-ref Homs by sample



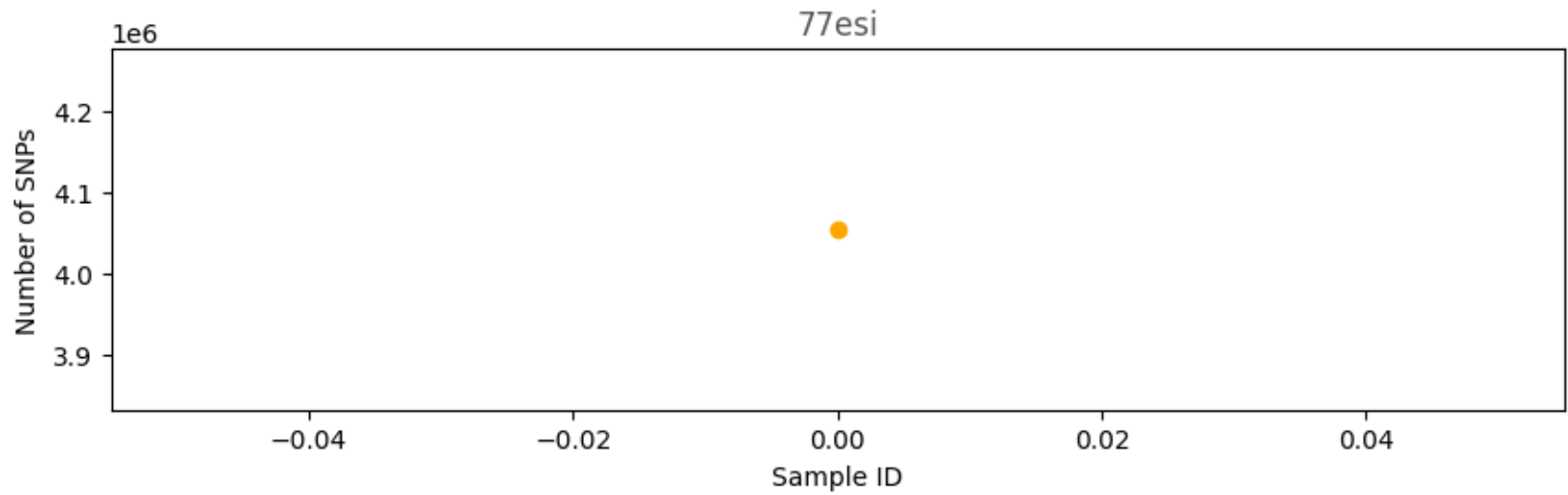
Singletons by sample (hets and homs)



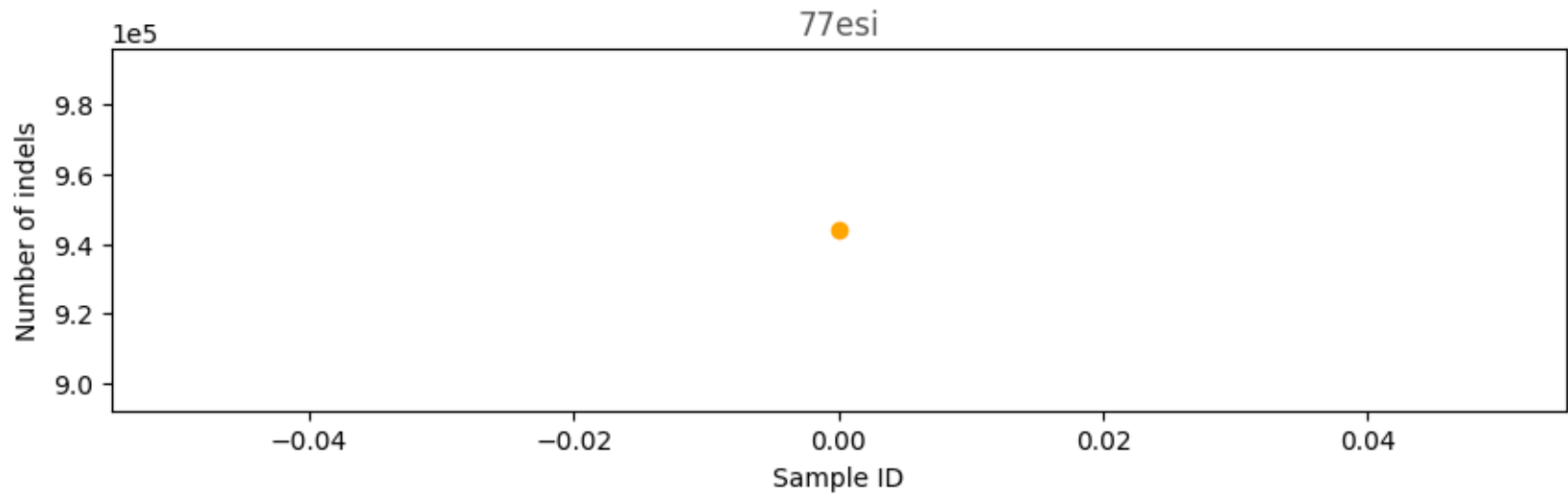
Average depth by sample



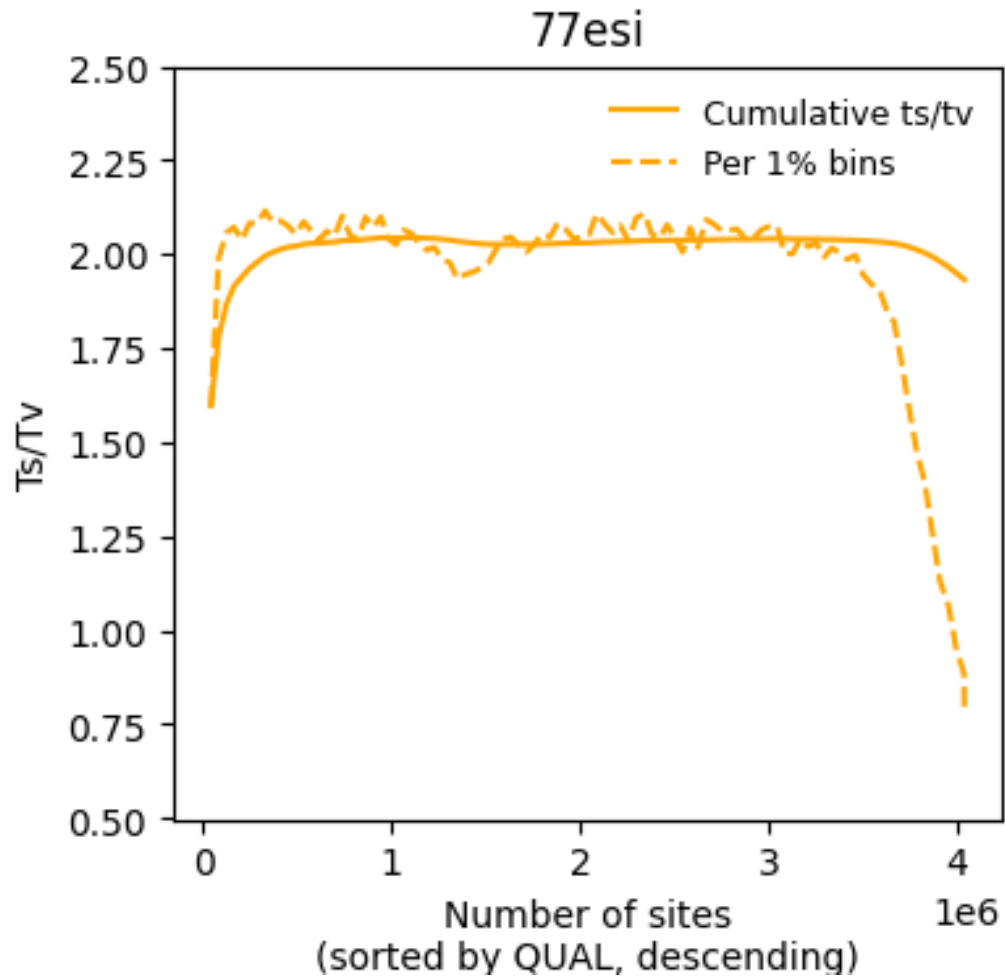
Number of SNPs by sample



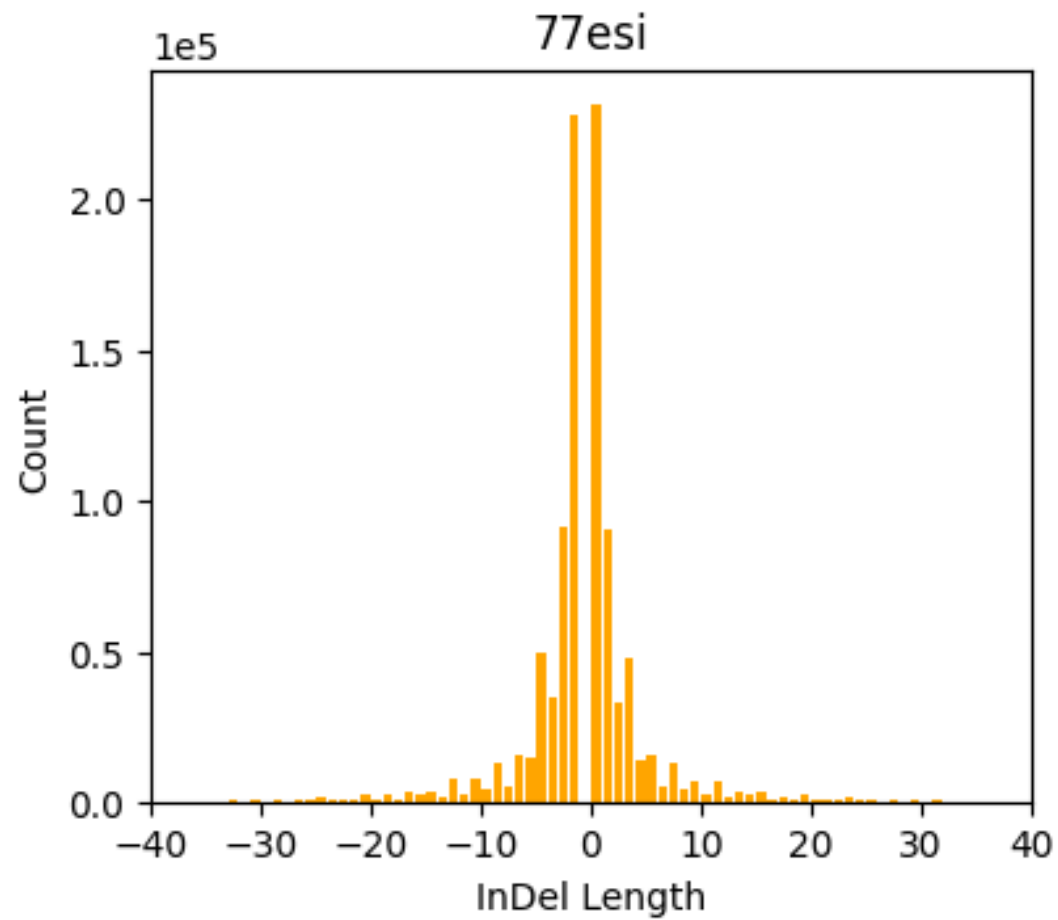
Number of indels by sample



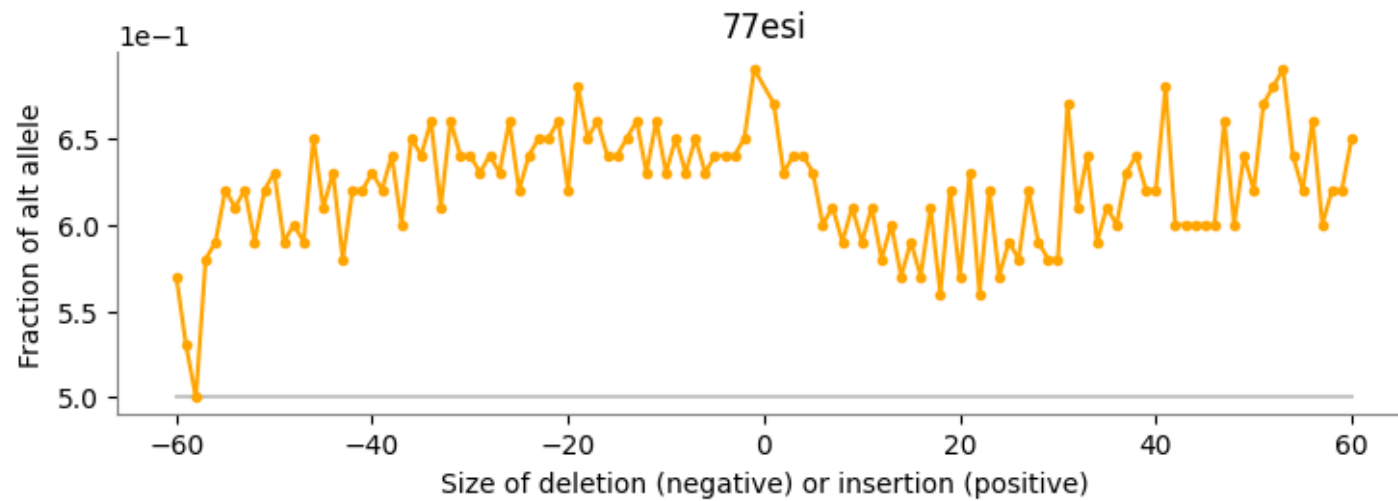
Ts/Tv stratified by QUAL



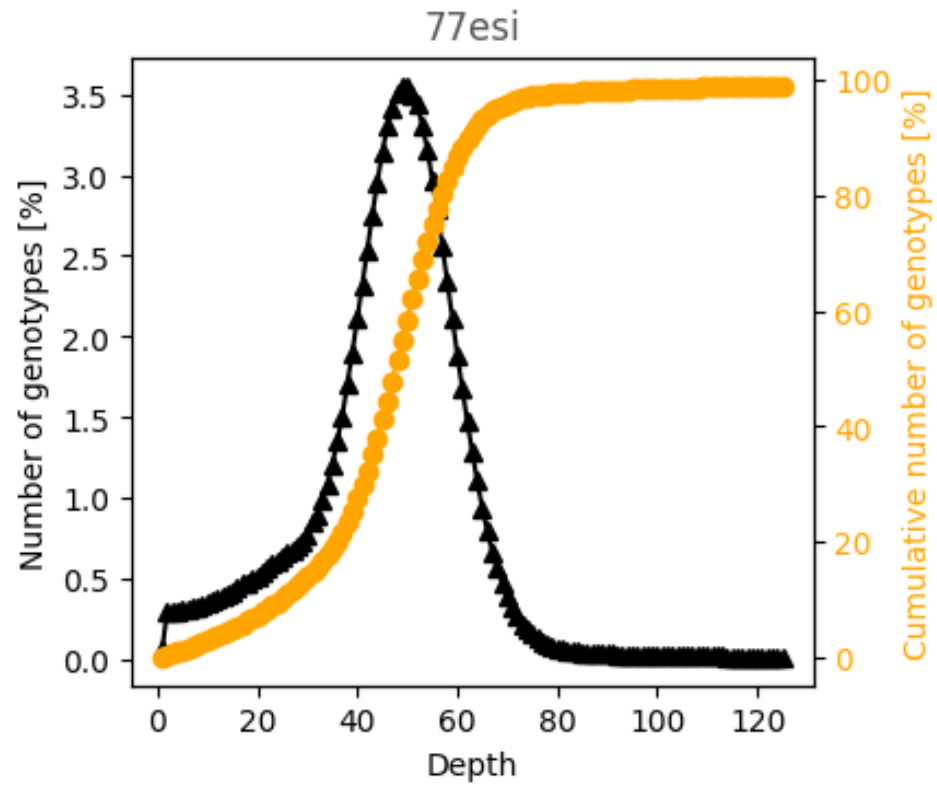
Indel distribution



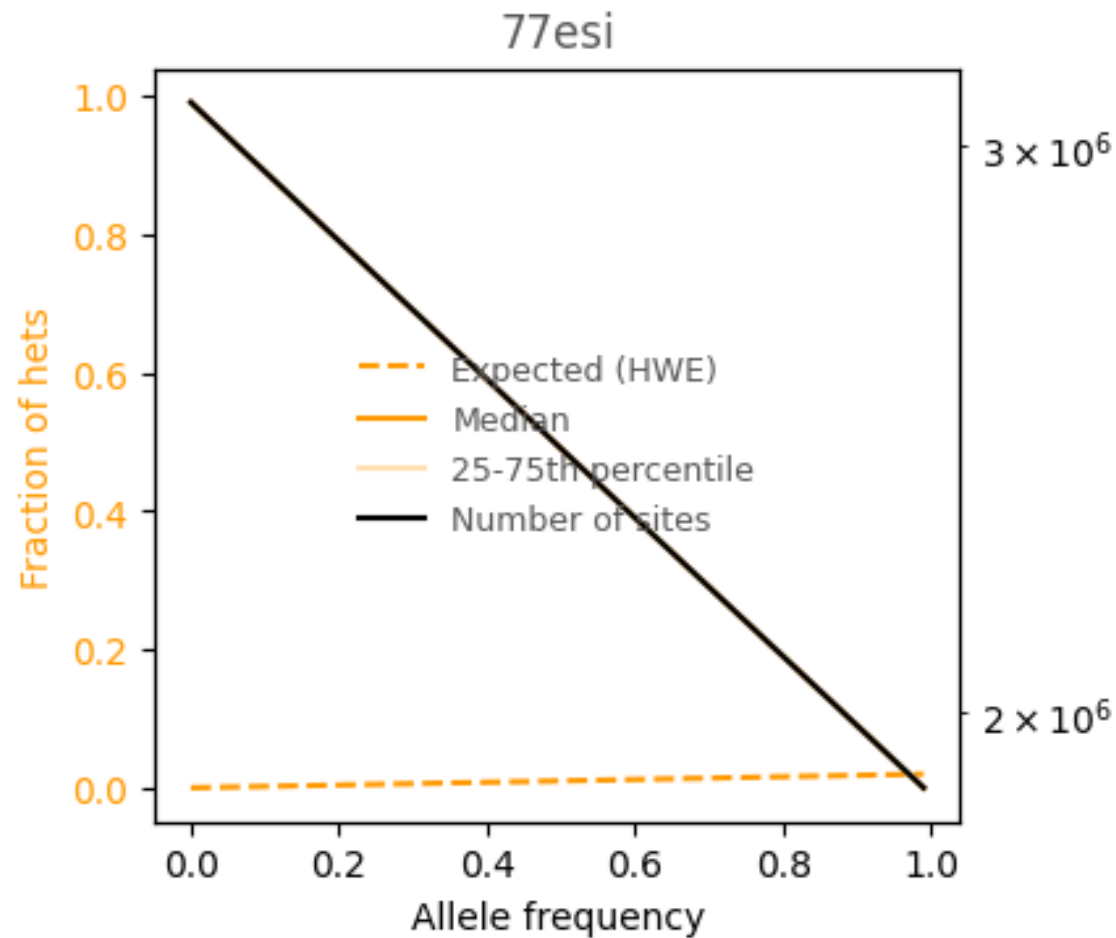
Fraction of alternate indel allele



Depth distribution



Number of HETs by AF



Substitution types

