

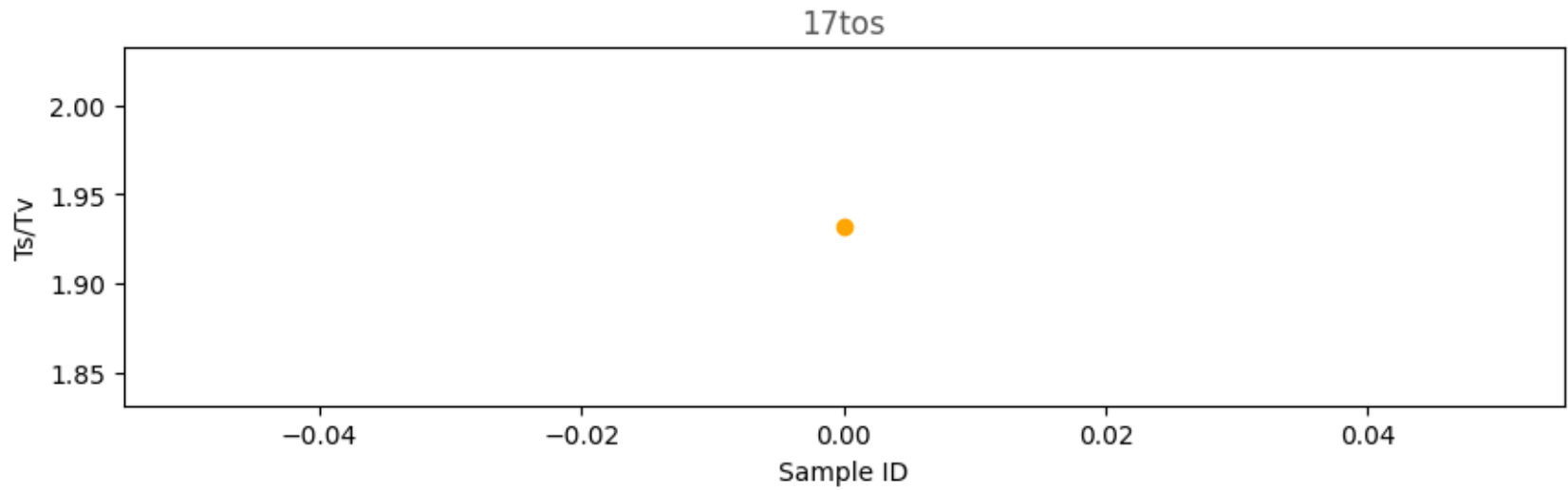
Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
17tos	4,058,588	1.93	1.94	948,410	–	0	0
* frameshift ratio: out/(out+in)							

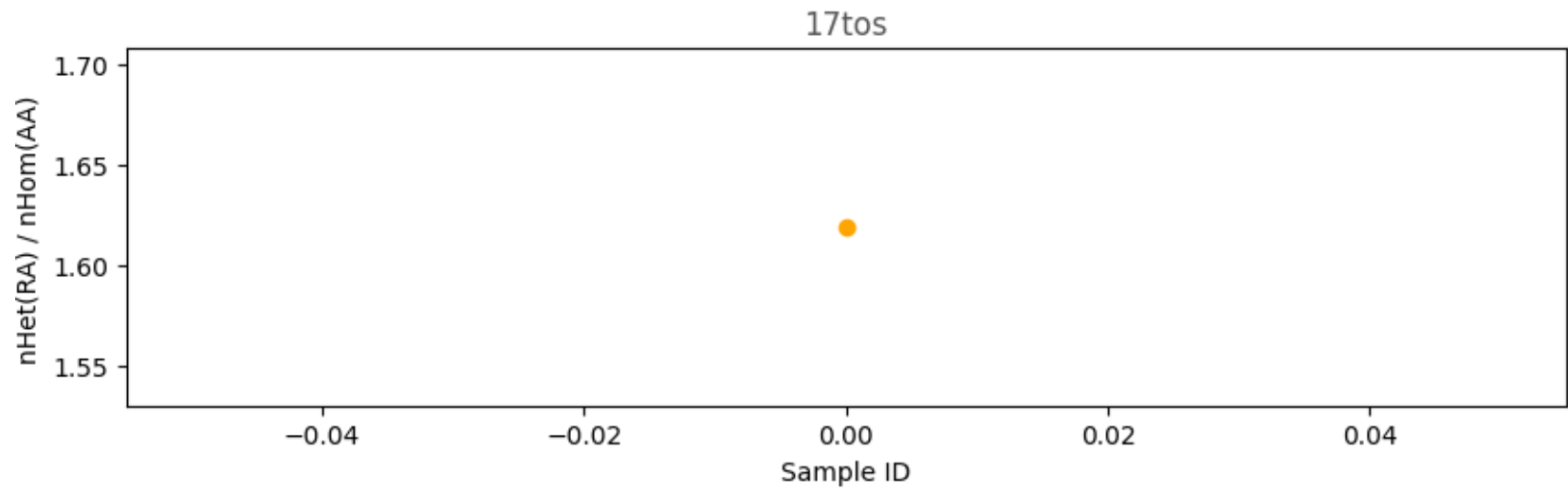
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
17tos	61.8%	1.90	66.6%	98,990	2,019

- 17tos .. /ngc/projects2/gm/data/archive/2022/variants/snv/17tosanbm-103760971367-Normal_Blood_noinfo-WGS_v1_IlluminaDNAPCRFree_RHGM00263-210720_A01411_BHGMTTDSX2-EXT_LAB
KA_NGCWGS-NGCWGS00156_172yhpgg3-snv_germline_raw.haplotype_caller.vcf.gz

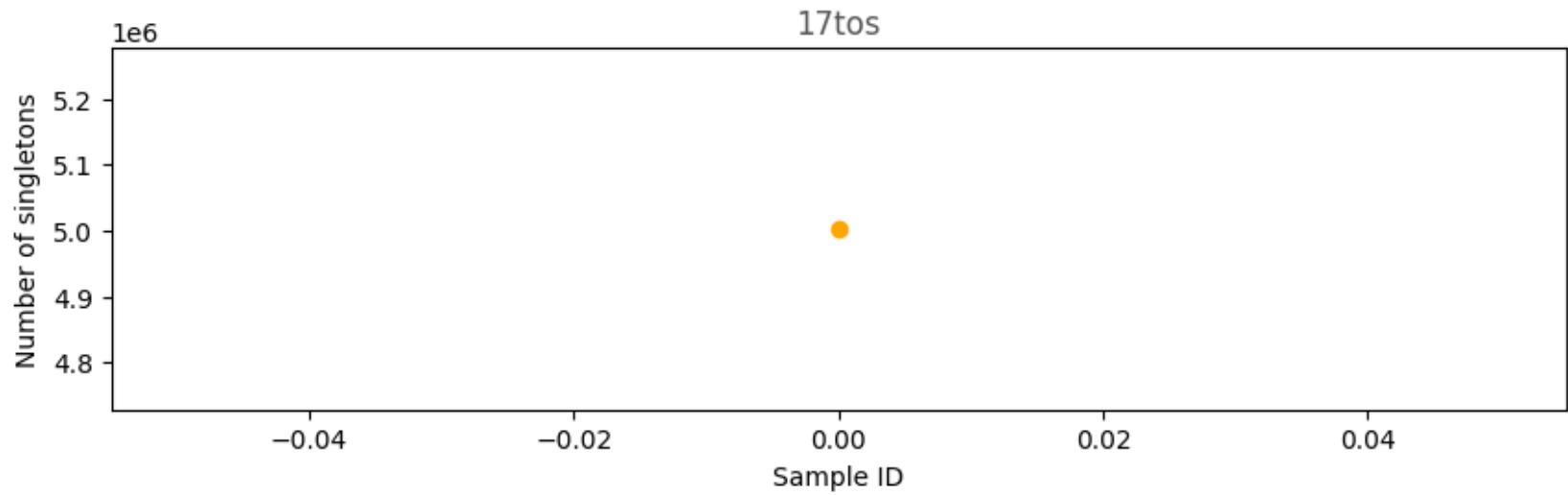
Ts/Tv by sample



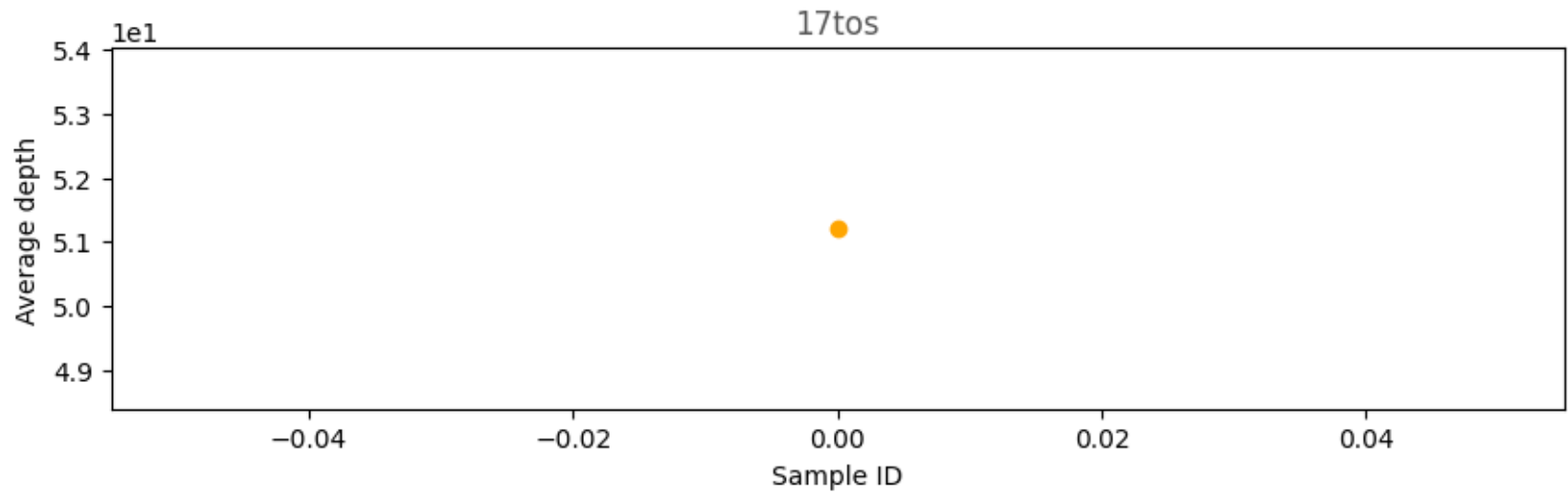
Hets vs non-ref Homs by sample



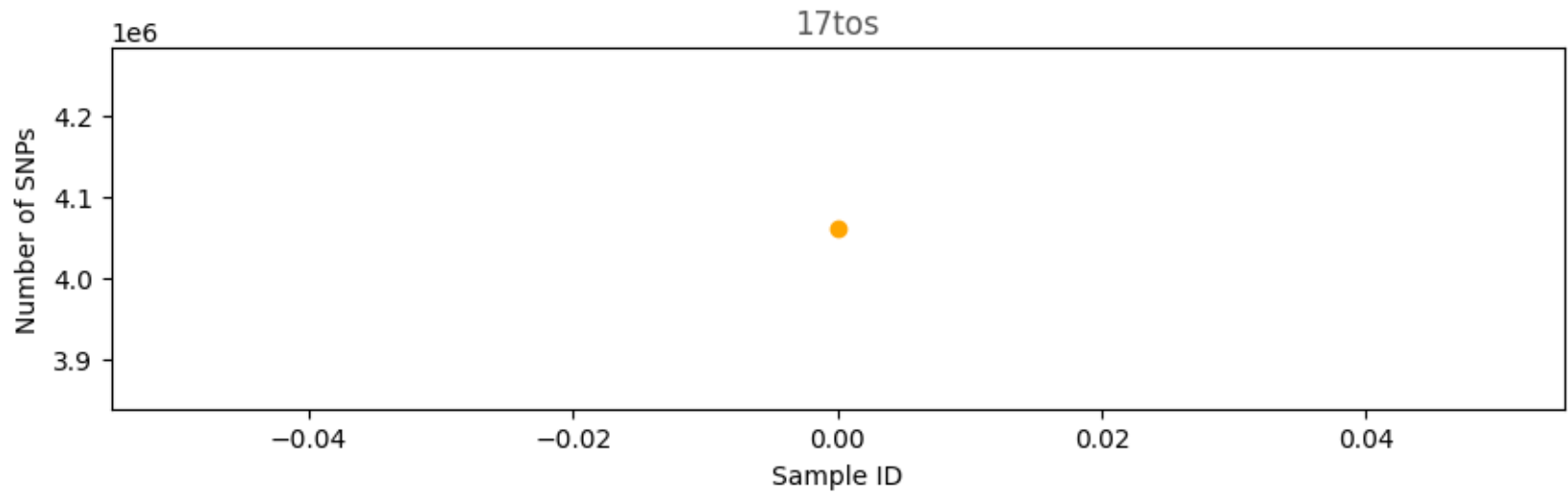
Singletons by sample (hets and homs)



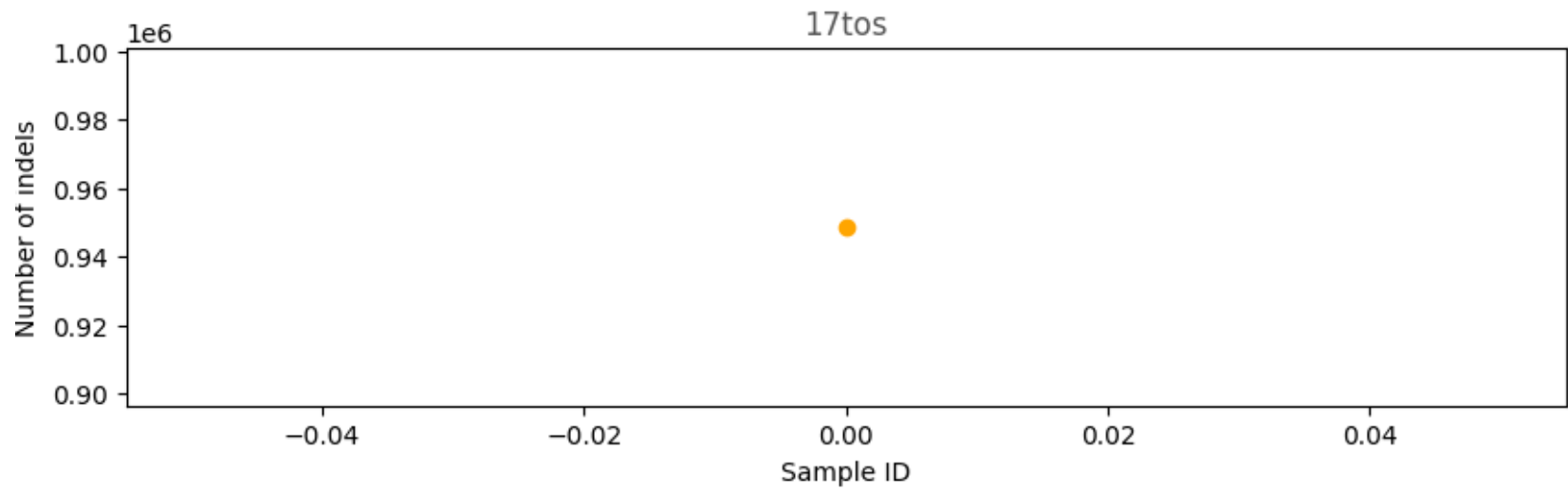
Average depth by sample



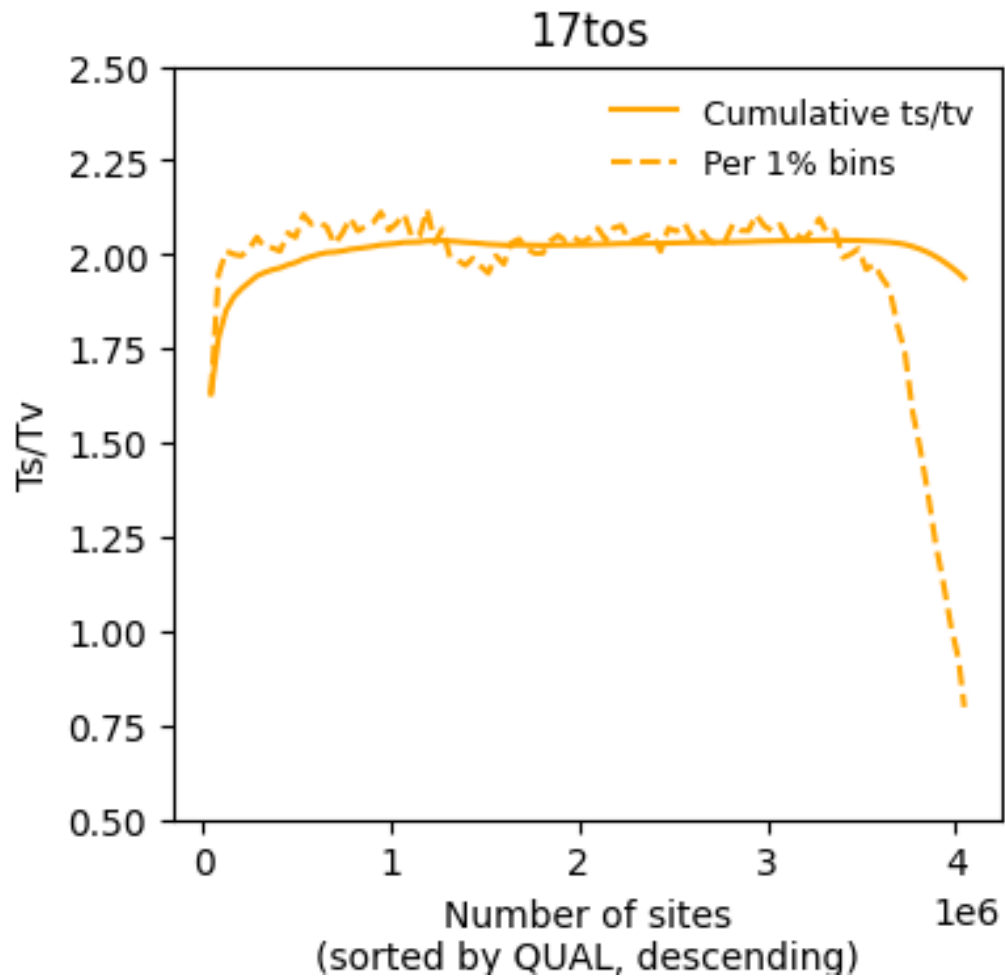
Number of SNPs by sample



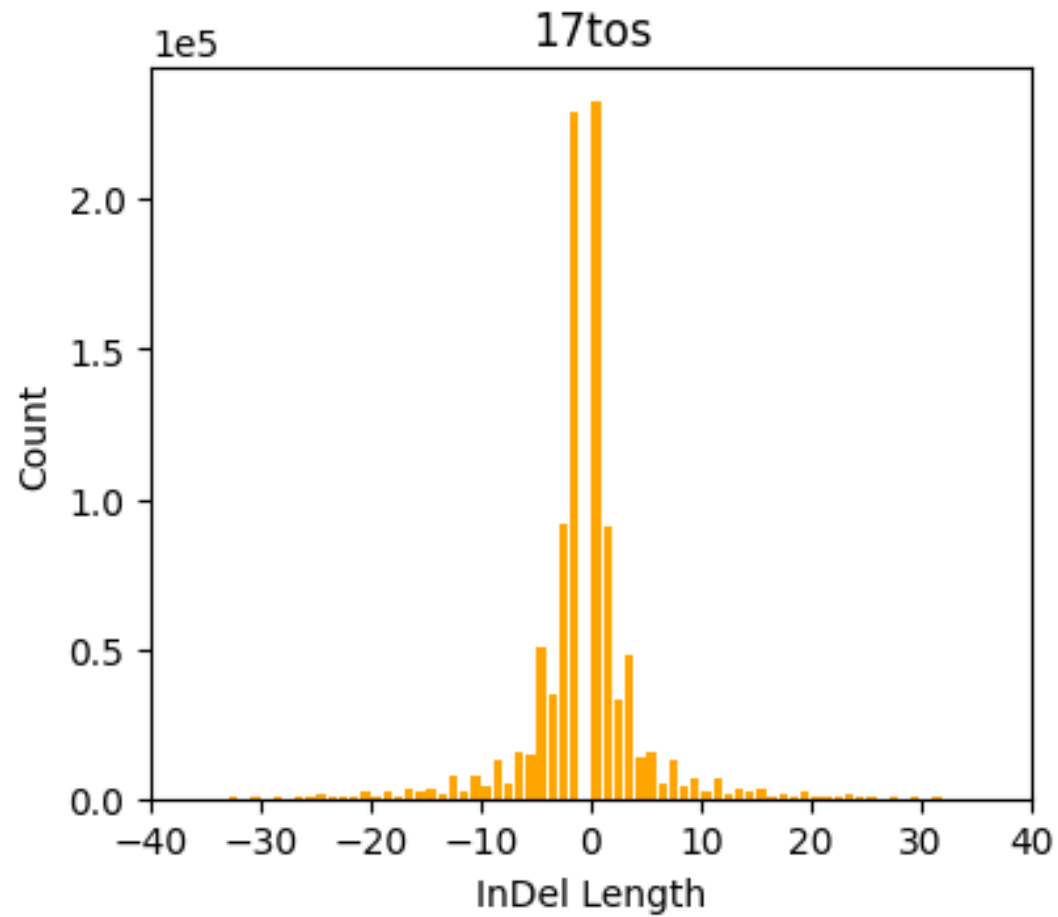
Number of indels by sample



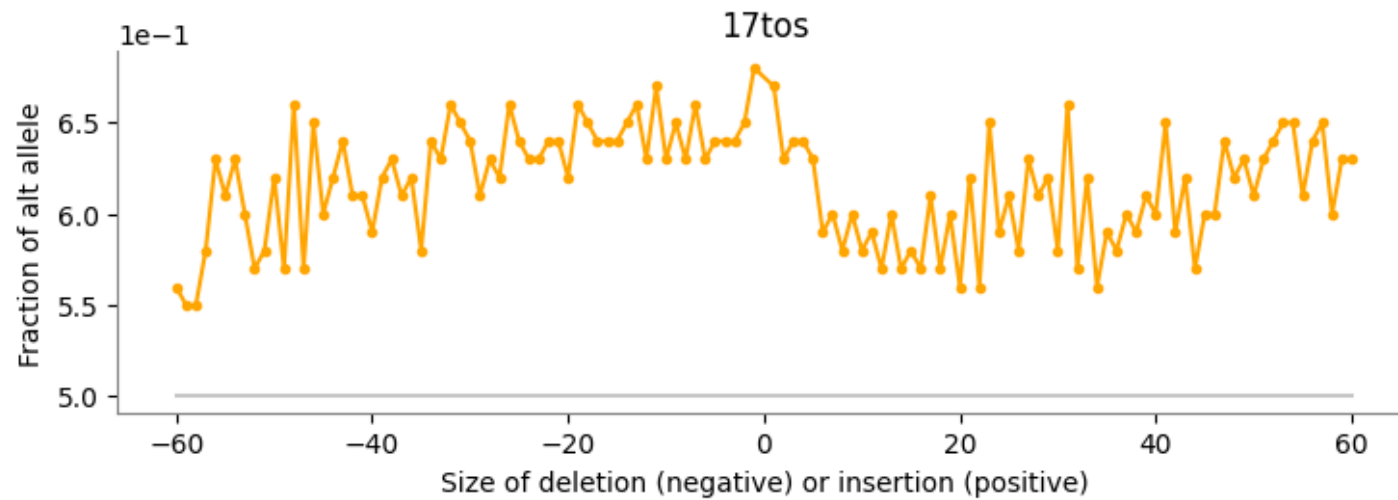
Ts/Tv stratified by QUAL



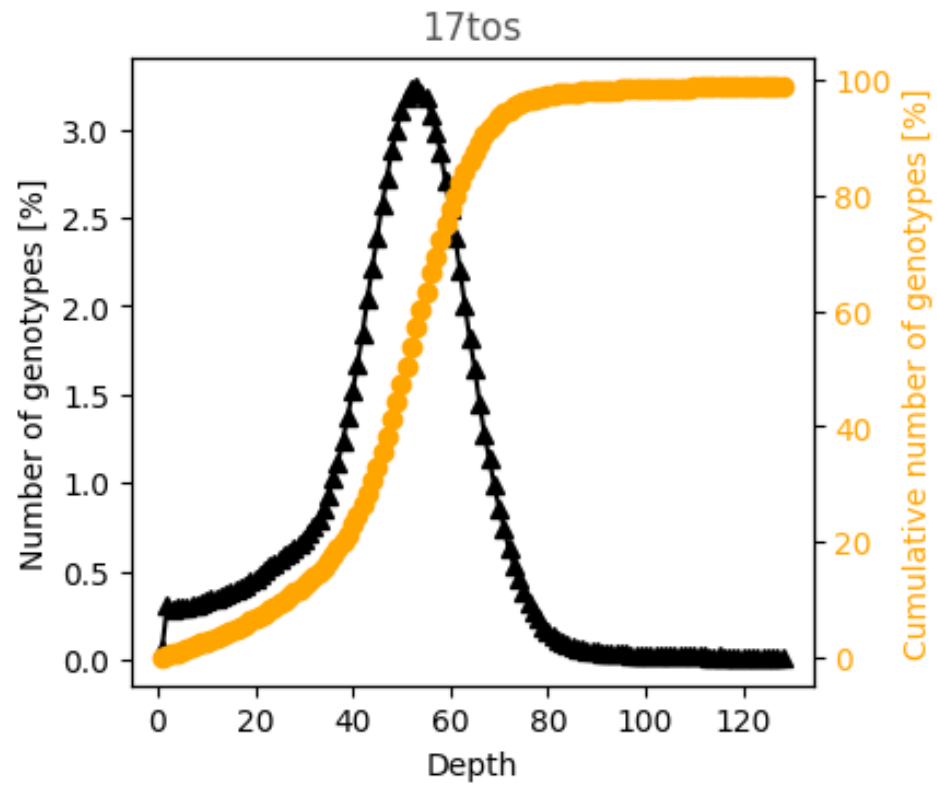
Indel distribution



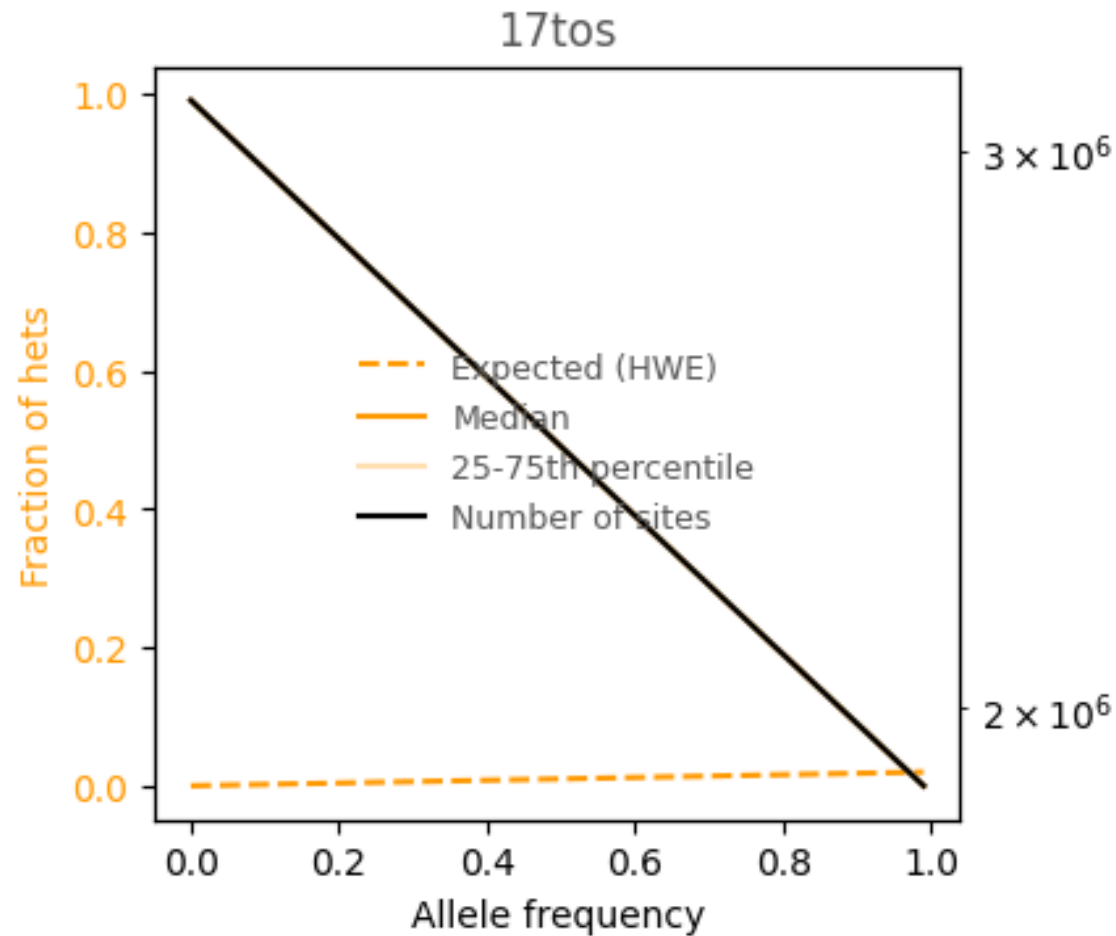
Fraction of alternate indel allele



Depth distribution



Number of HETs by AF



Substitution types

