

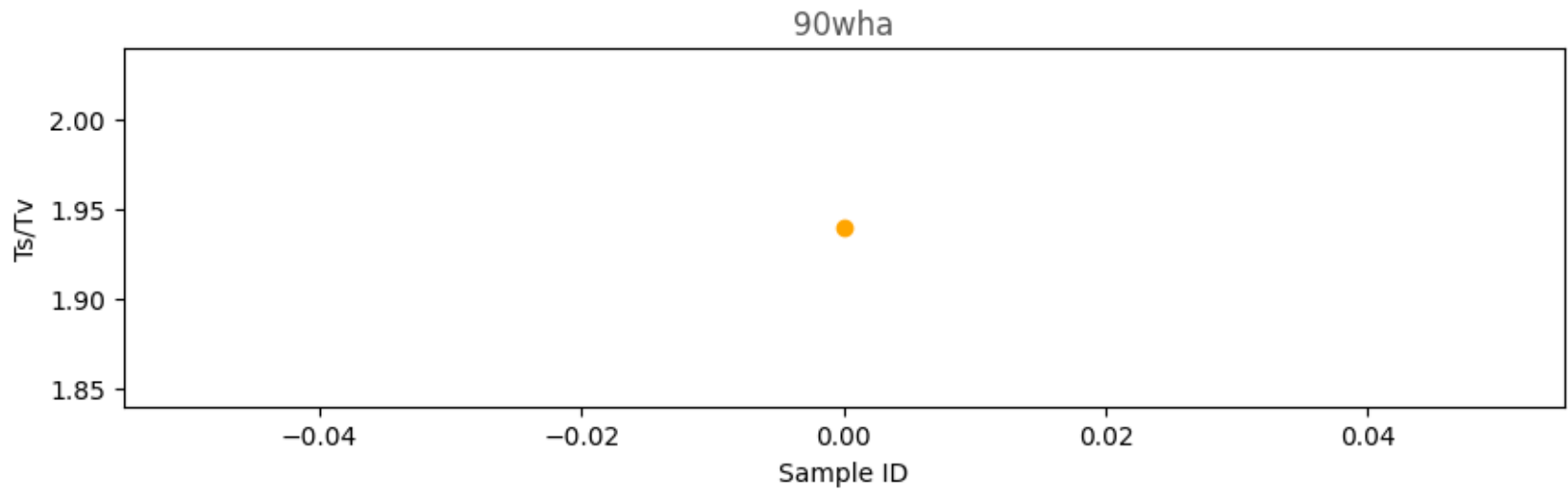
Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
90wha	4,166,707	1.94	1.94	968,778	–	0	0
* frameshift ratio: out/(out+in)							

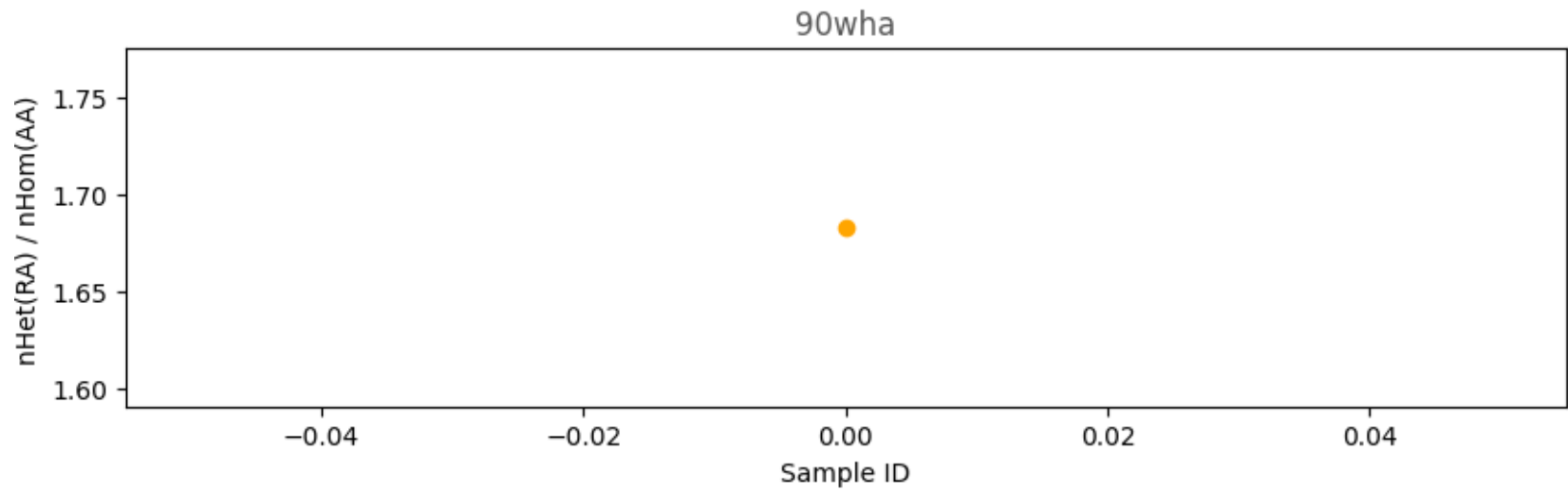
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
90wha	62.7%	1.91	67.3%	101,964	2,092

- 90wha .. /ngc/projects2/gm/data/archive/2022/variants/snv/90whasitm-103818399470-Normal_Blood_noinfo-WGS_v1_IlluminaDNAPCRFree_X-211222_A01466_AH2CJCDSX3-RHGM_LABKA_WGSA_KUT-WGSAKUT03545_21RKG030841x01_snv_germline_raw.haplotype_caller.vcf.gz

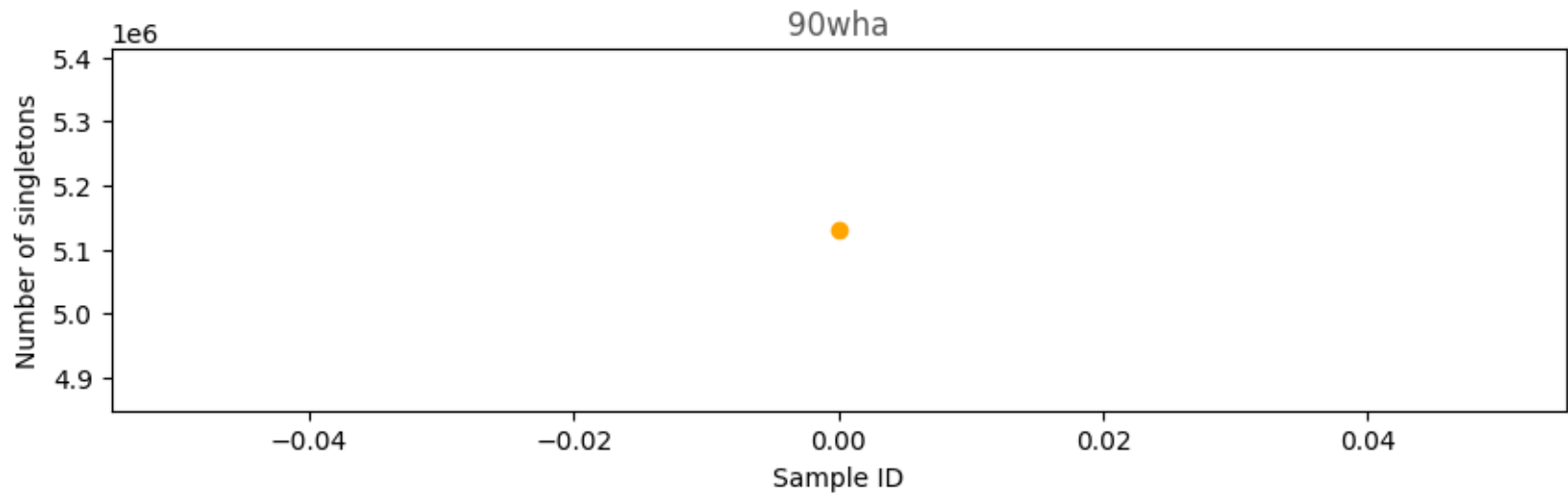
Ts/Tv by sample



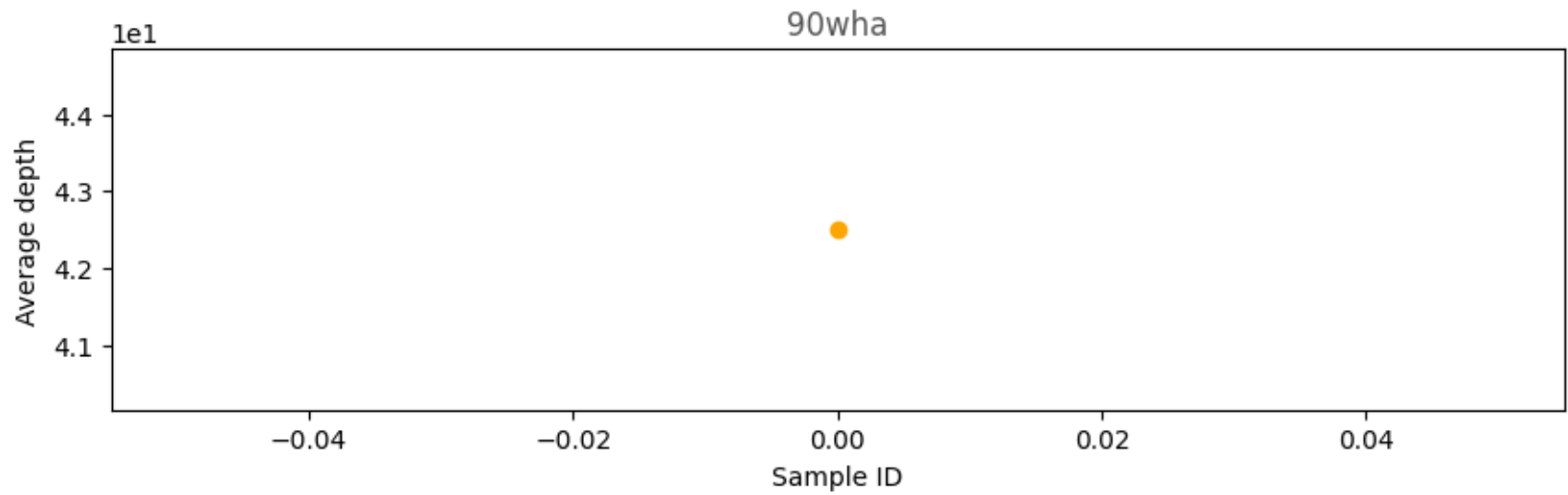
Hets vs non-ref Homs by sample



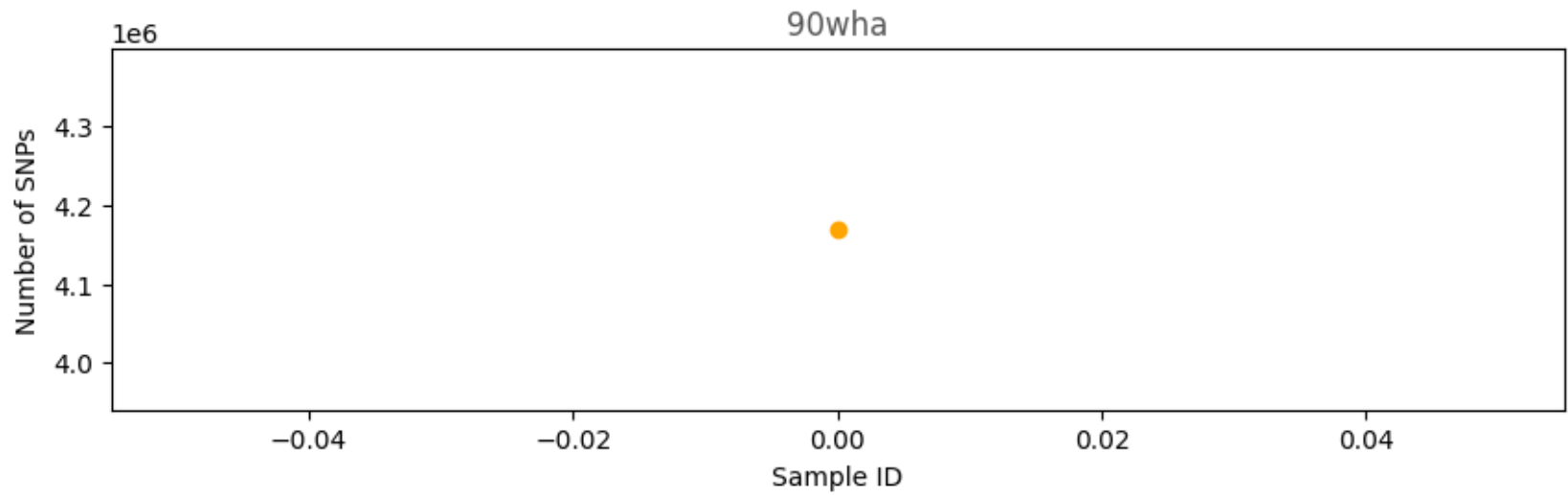
Singletons by sample (hets and homs)



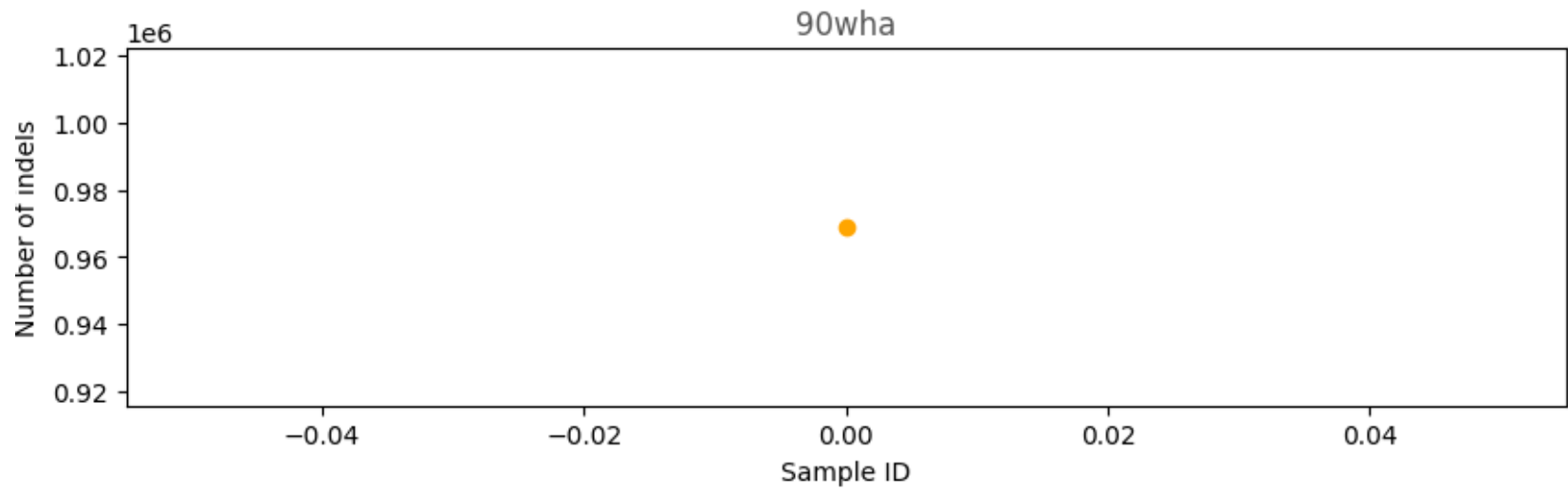
Average depth by sample



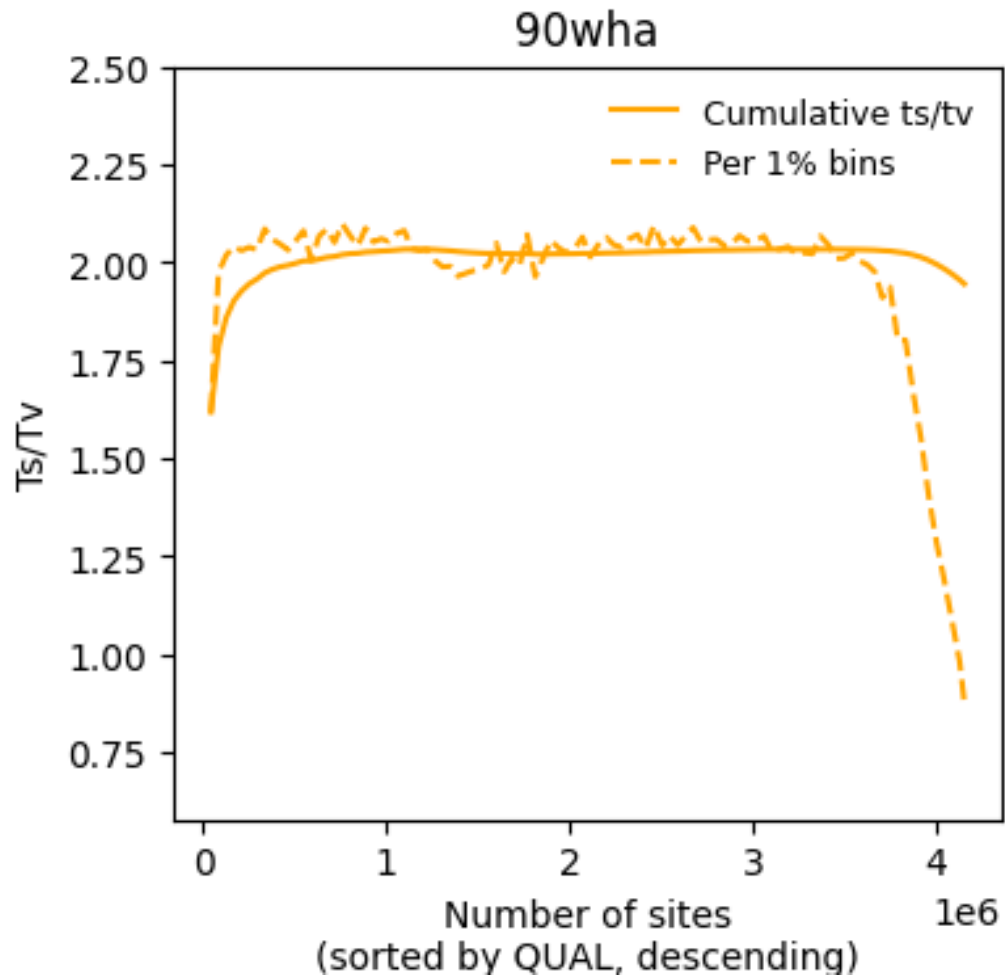
Number of SNPs by sample



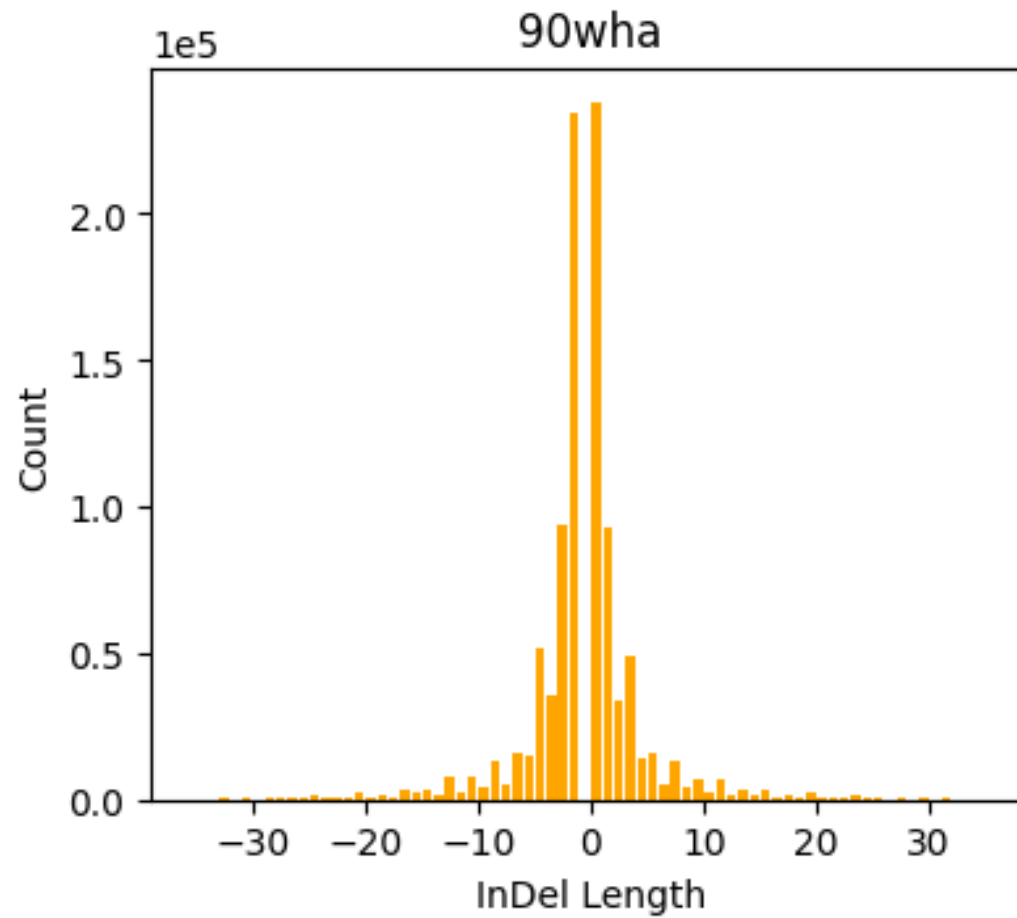
Number of indels by sample



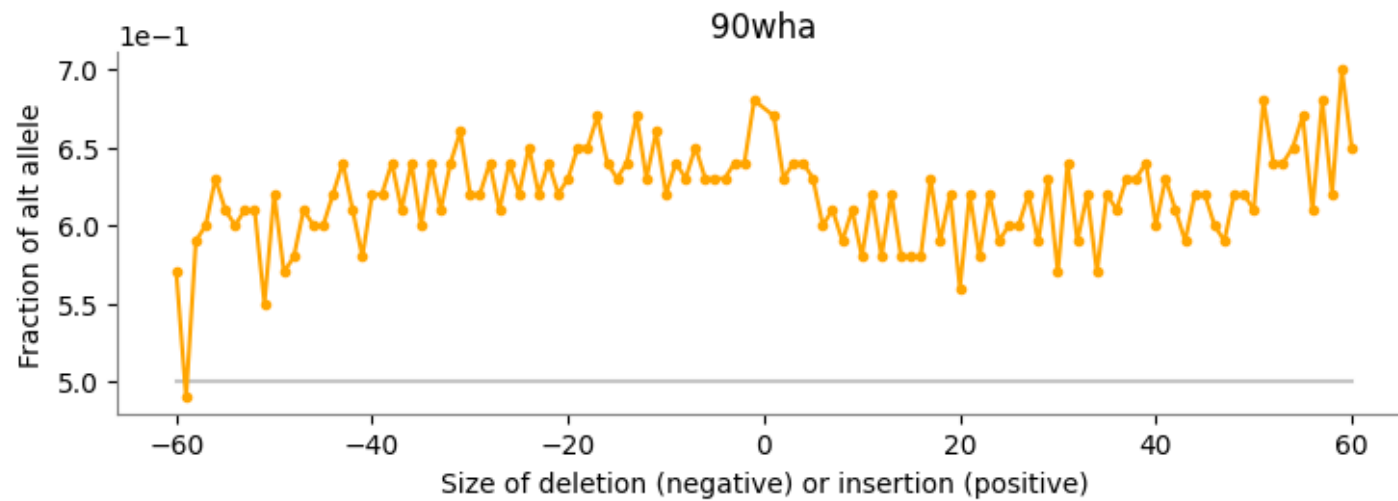
Ts/Tv stratified by QUAL



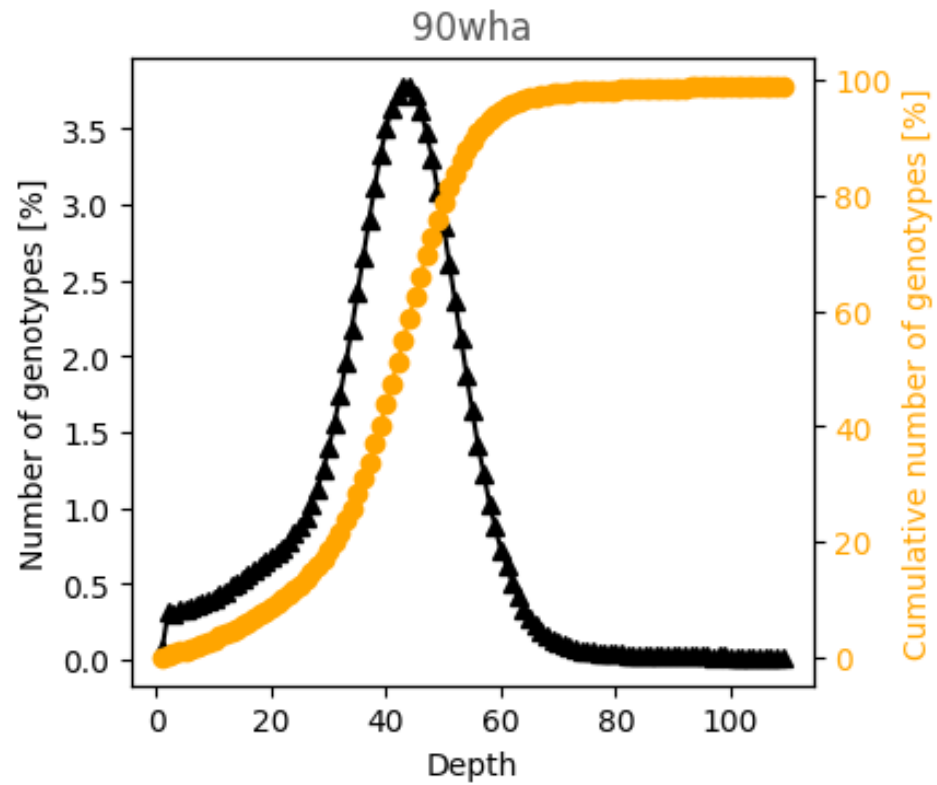
Indel distribution



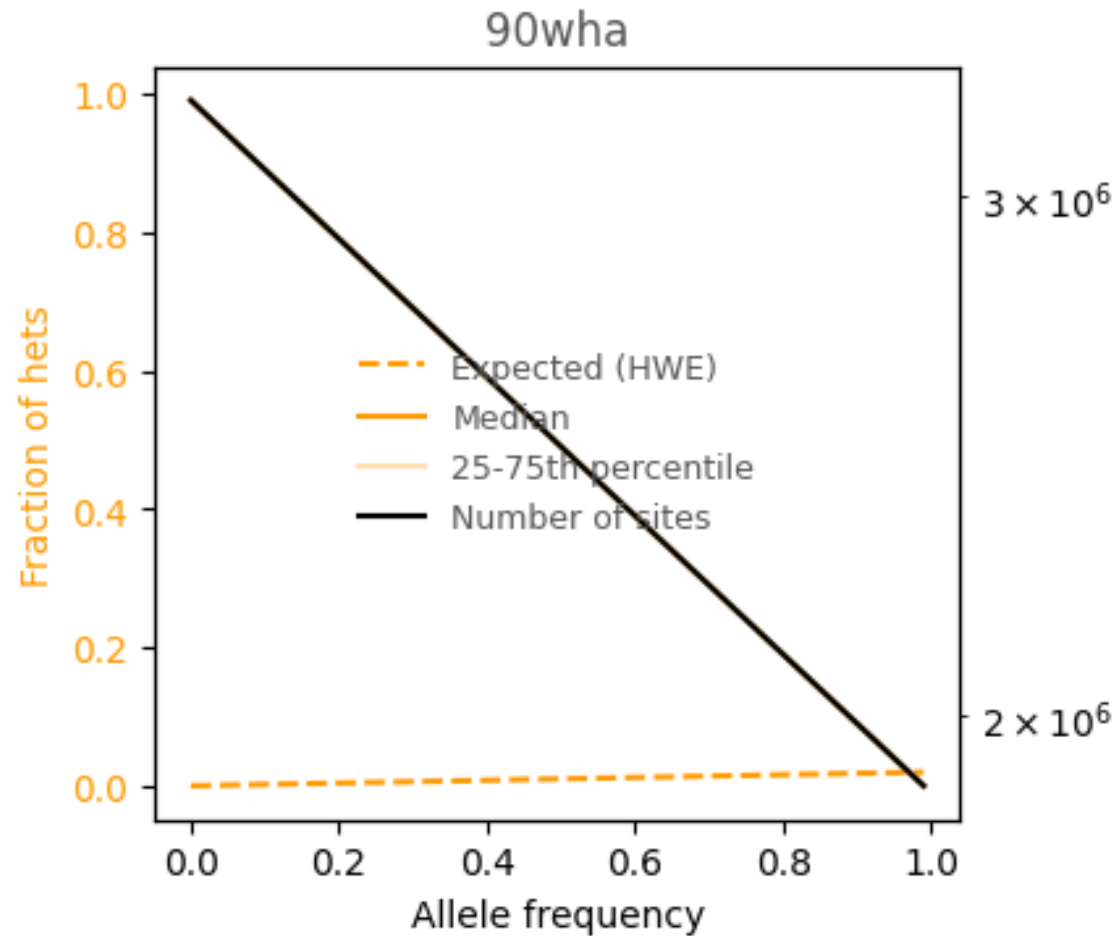
Fraction of alternate indel allele



Depth distribution



Number of HETs by AF



Substitution types

