

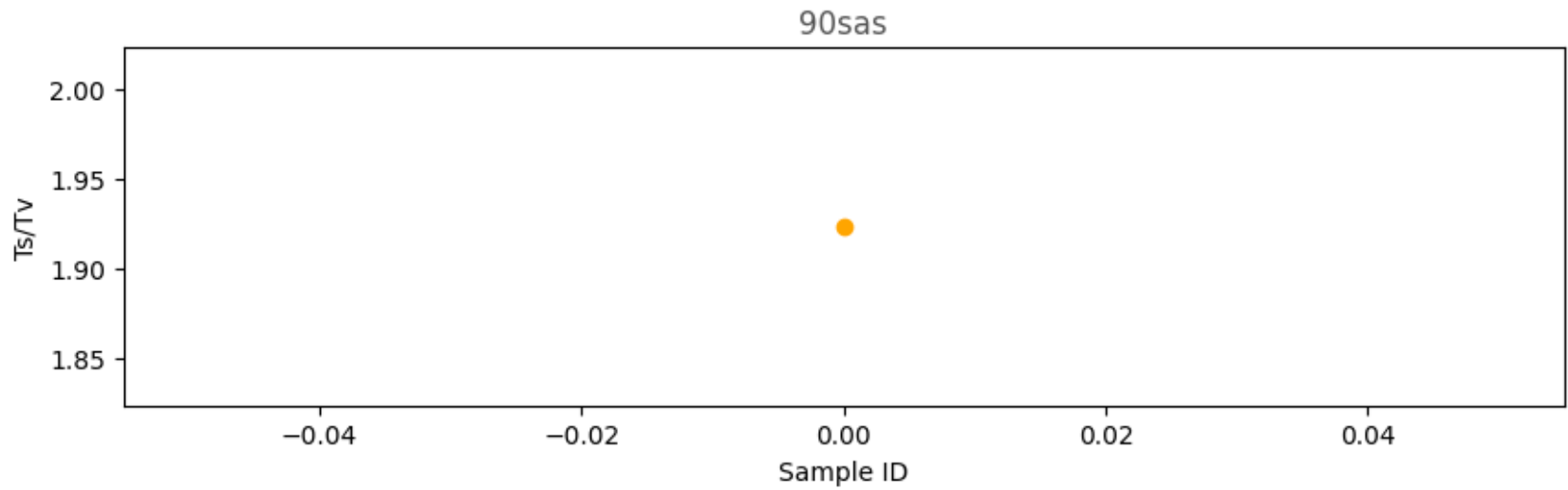
Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
90sas	4,122,842	1.92	1.93	965,090	–	0	0
* frameshift ratio: out/(out+in)							

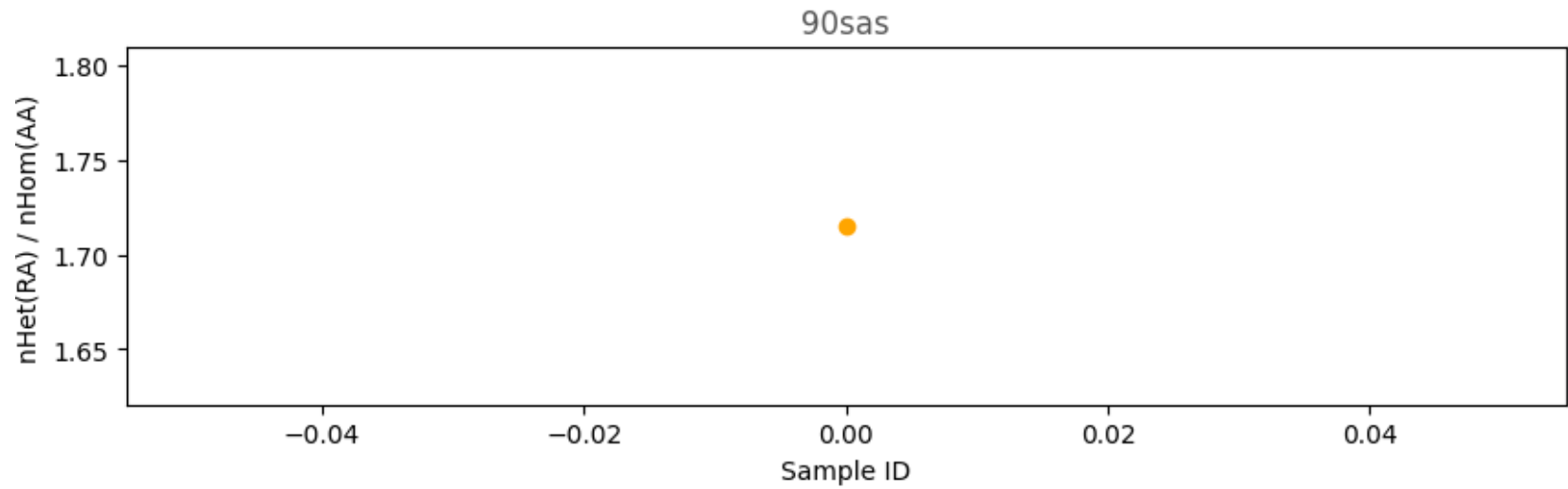
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
90sas	63.2%	1.89	68.7%	106,982	2,208

- 90sas .. /ngc/projects2/gm/data/archive/2022/variants/snv/90sastlaf-103830343471-Normal_Blood_noinfo-WGS_v1_IlluminaDNAPCRFree_X-220124_A00559_AH2CKHDSX3-RHGM_LABKA_WGSA_KUT-WGSAKUT03706_22RKG000621x01_snv_germline_raw.haplotype_caller.vcf.gz

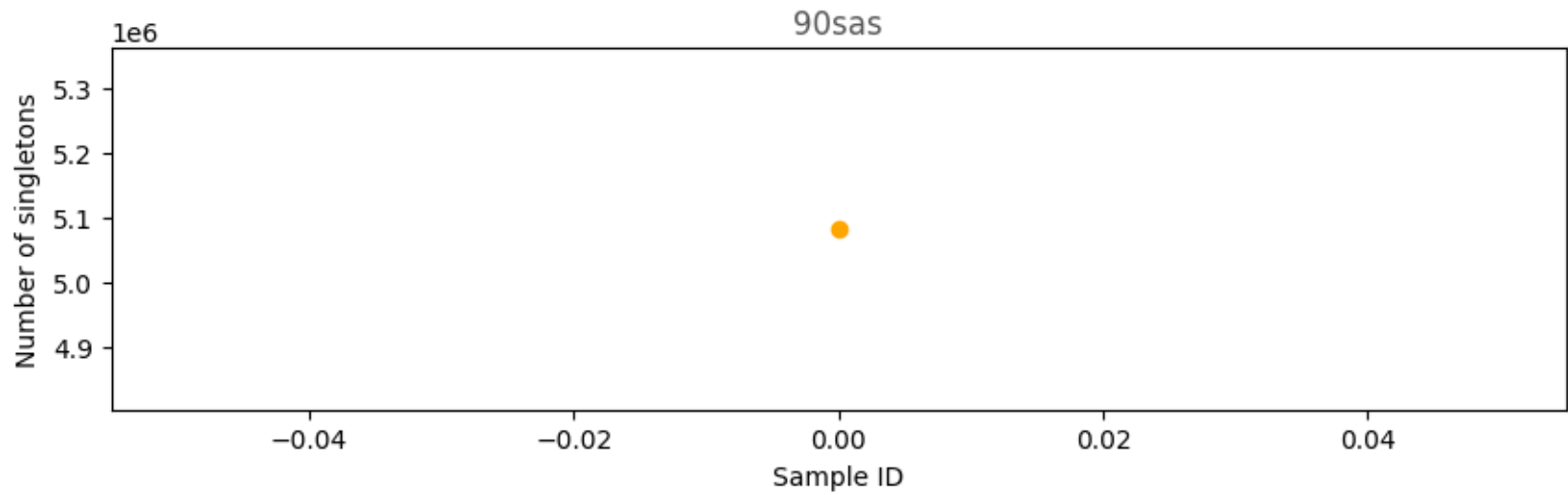
Ts/Tv by sample



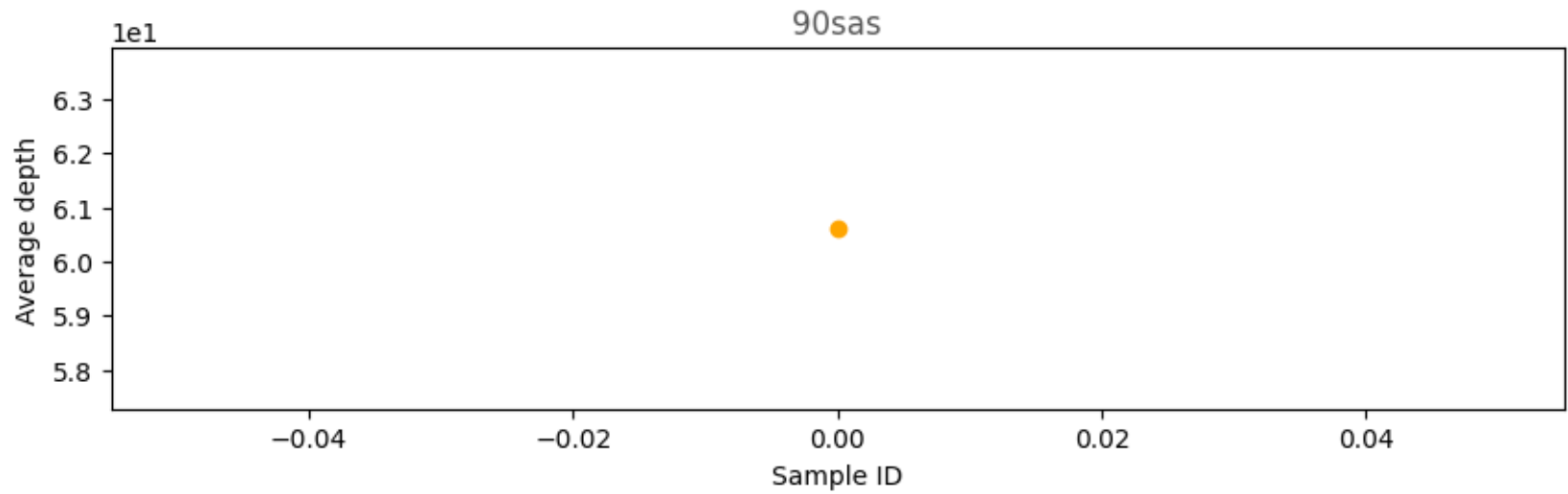
Hets vs non-ref Homs by sample



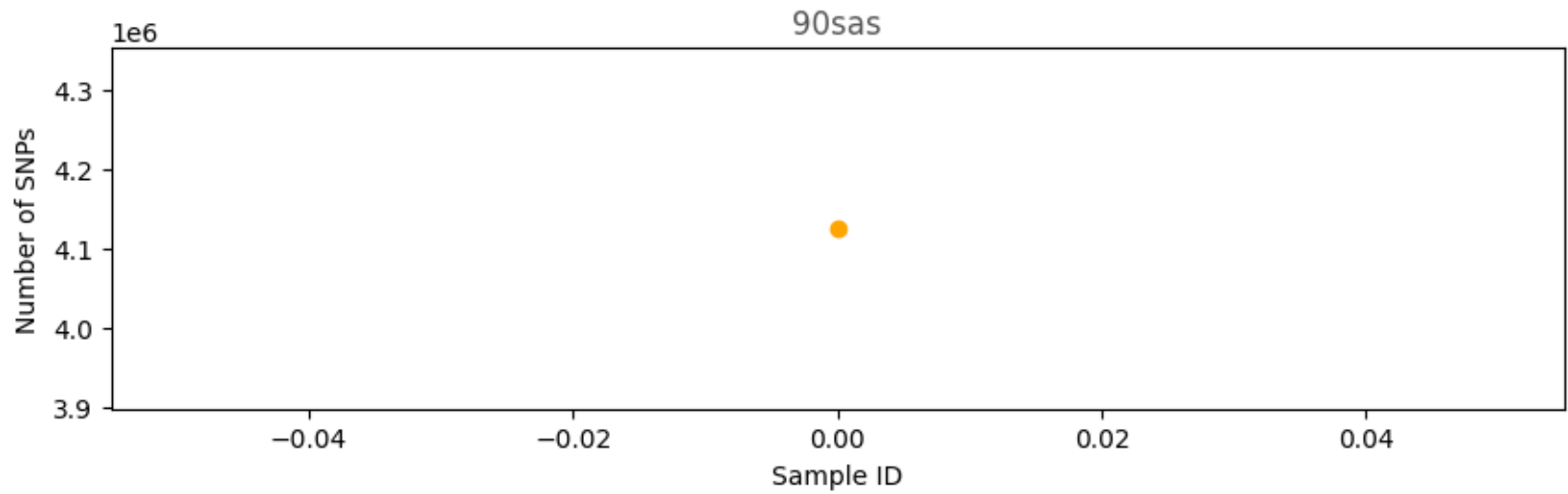
Singletons by sample (hets and homs)



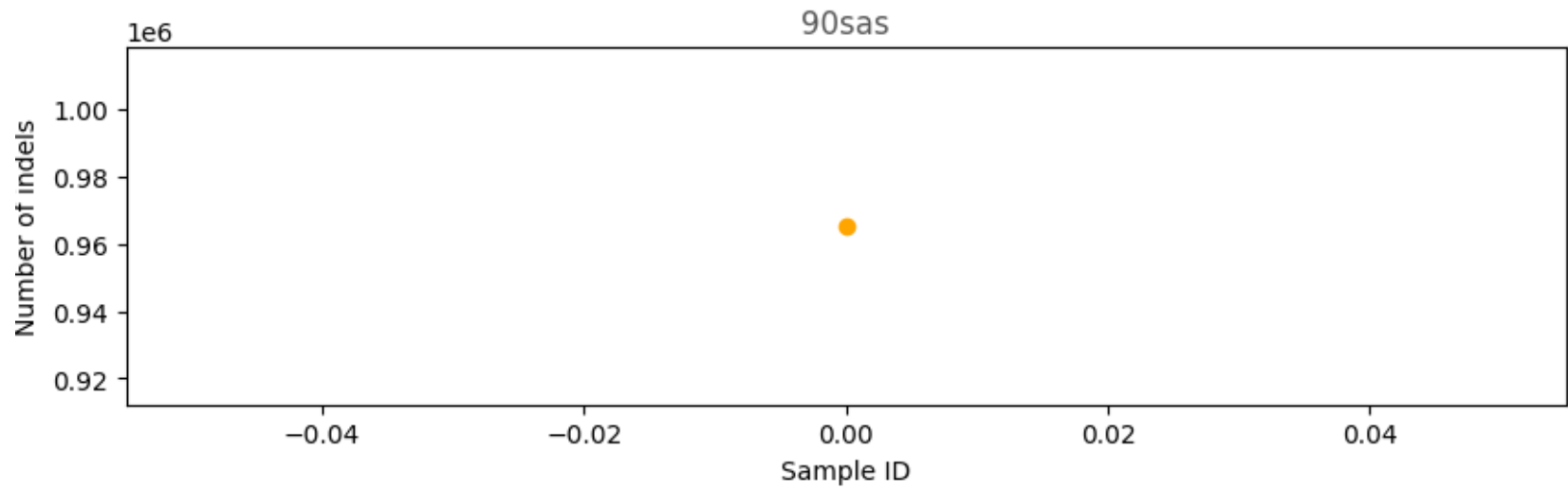
Average depth by sample



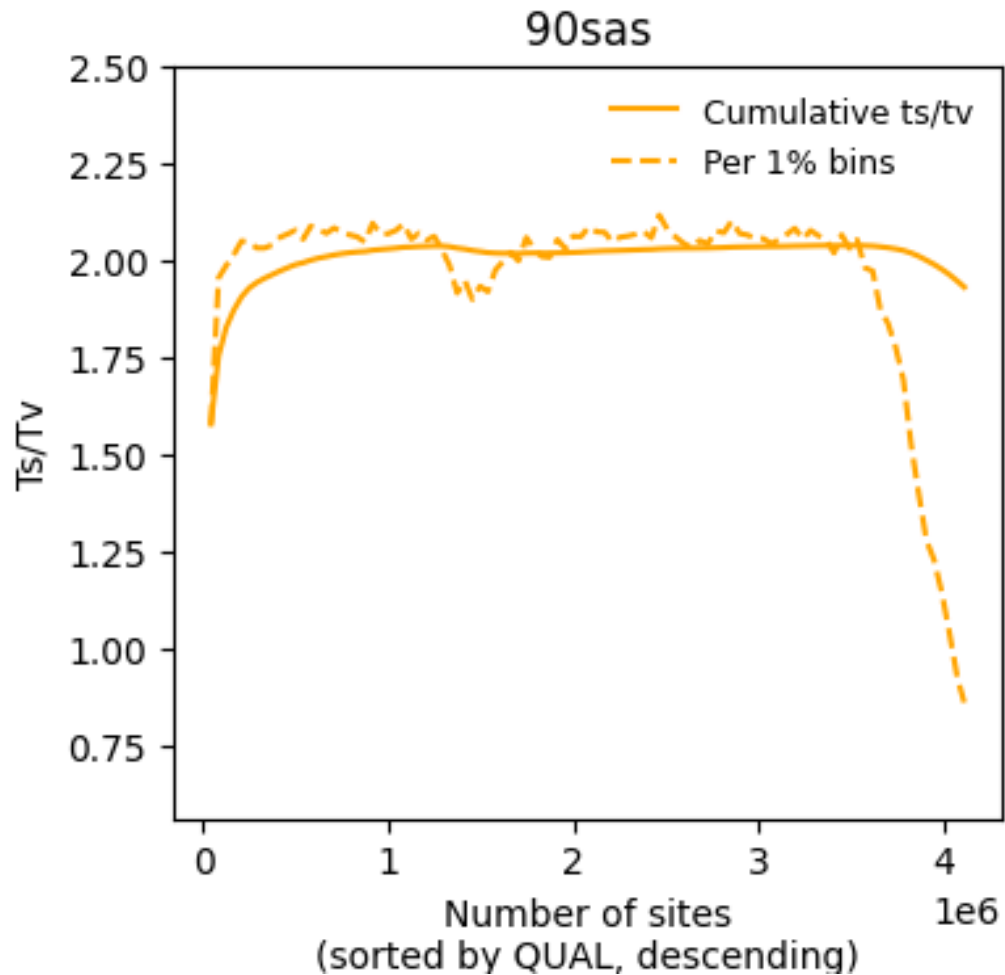
Number of SNPs by sample



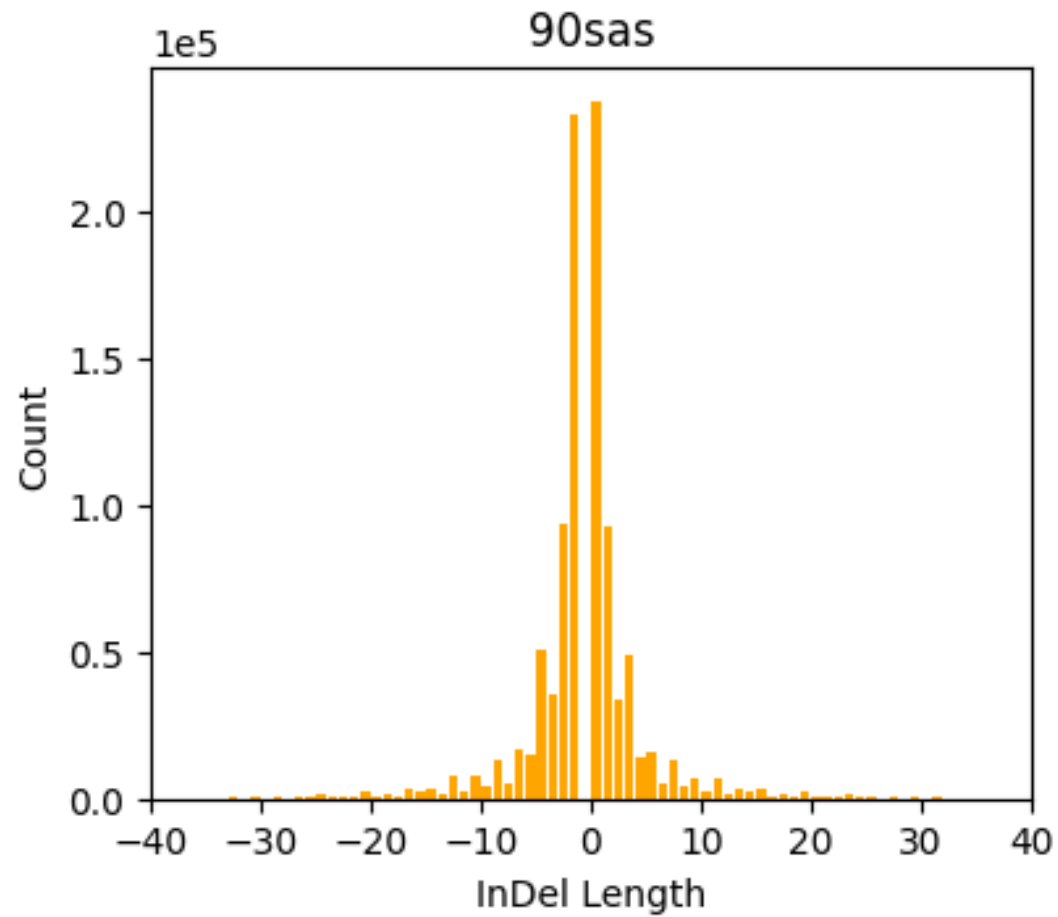
Number of indels by sample



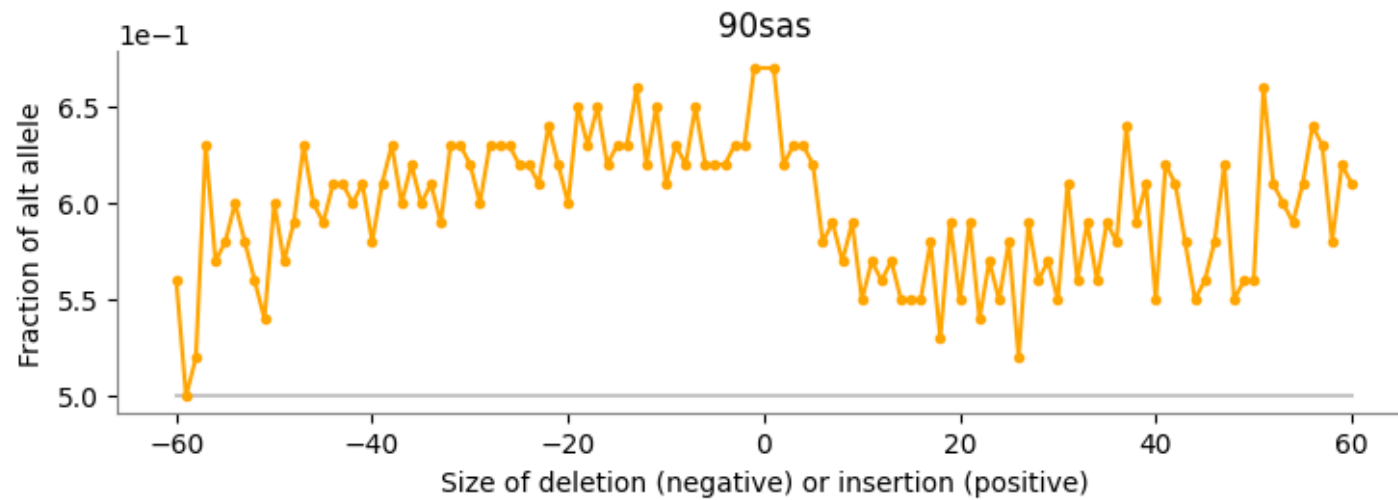
Ts/Tv stratified by QUAL



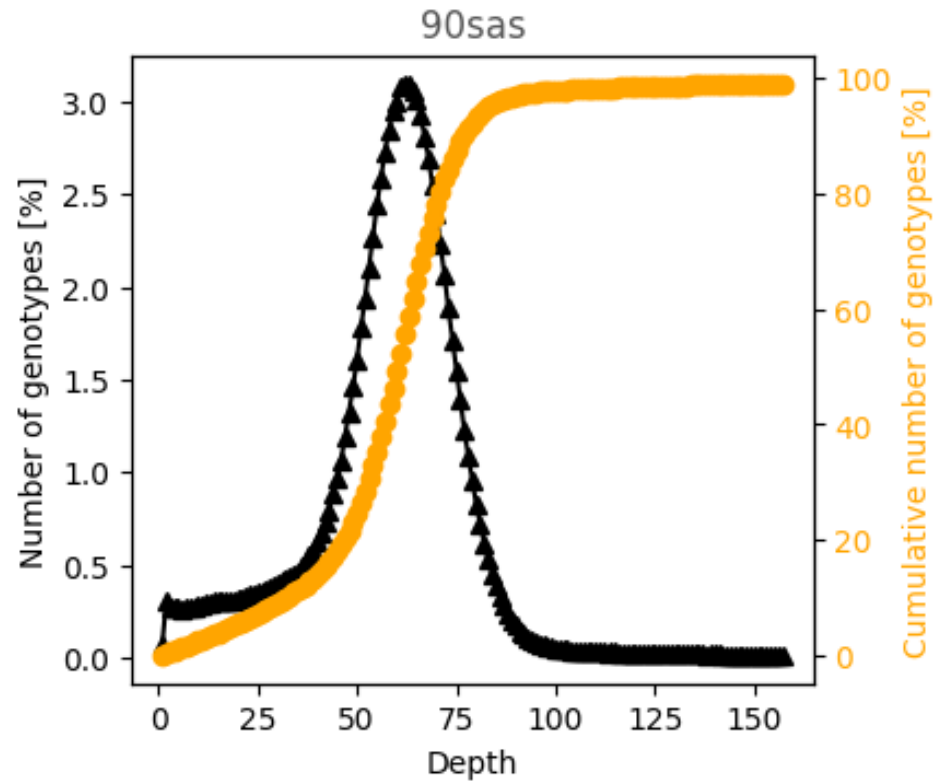
Indel distribution



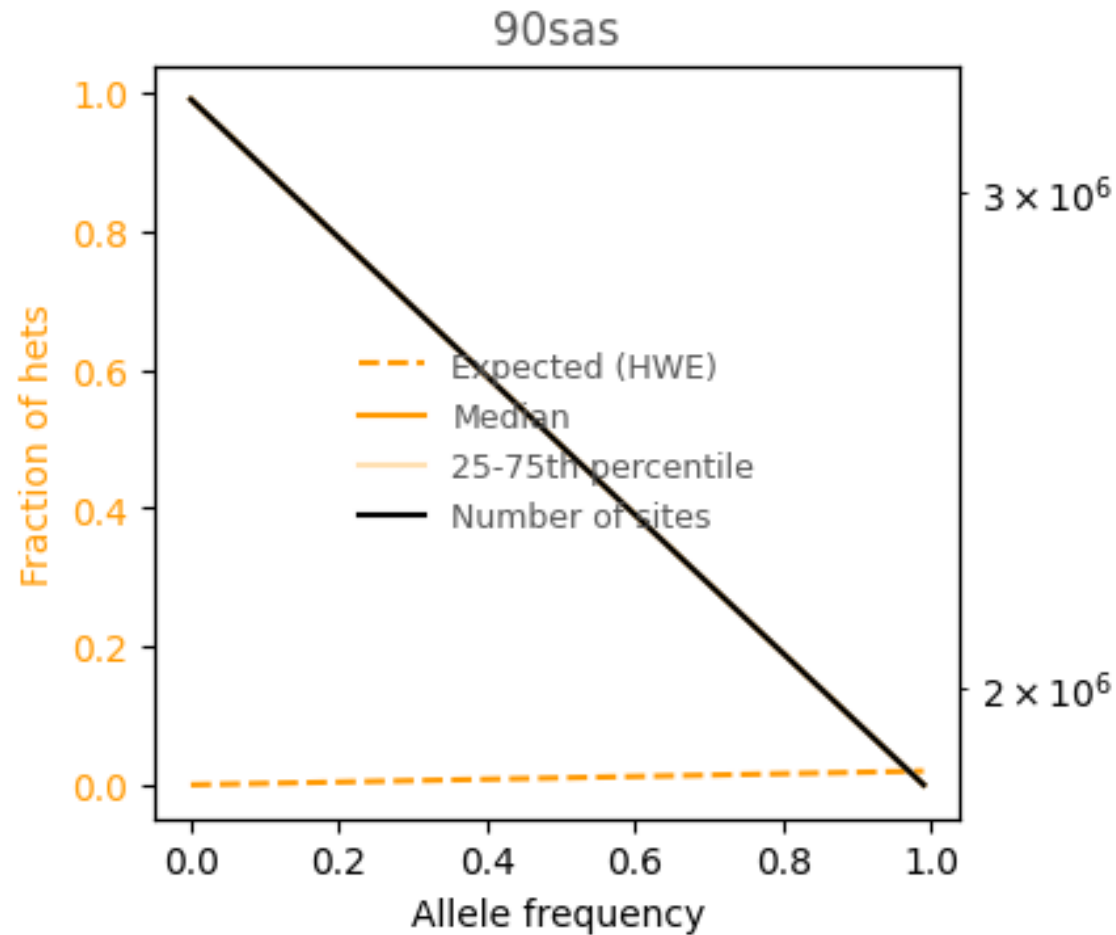
Fraction of alternate indel allele



Depth distribution



Number of HETs by AF



Substitution types

