

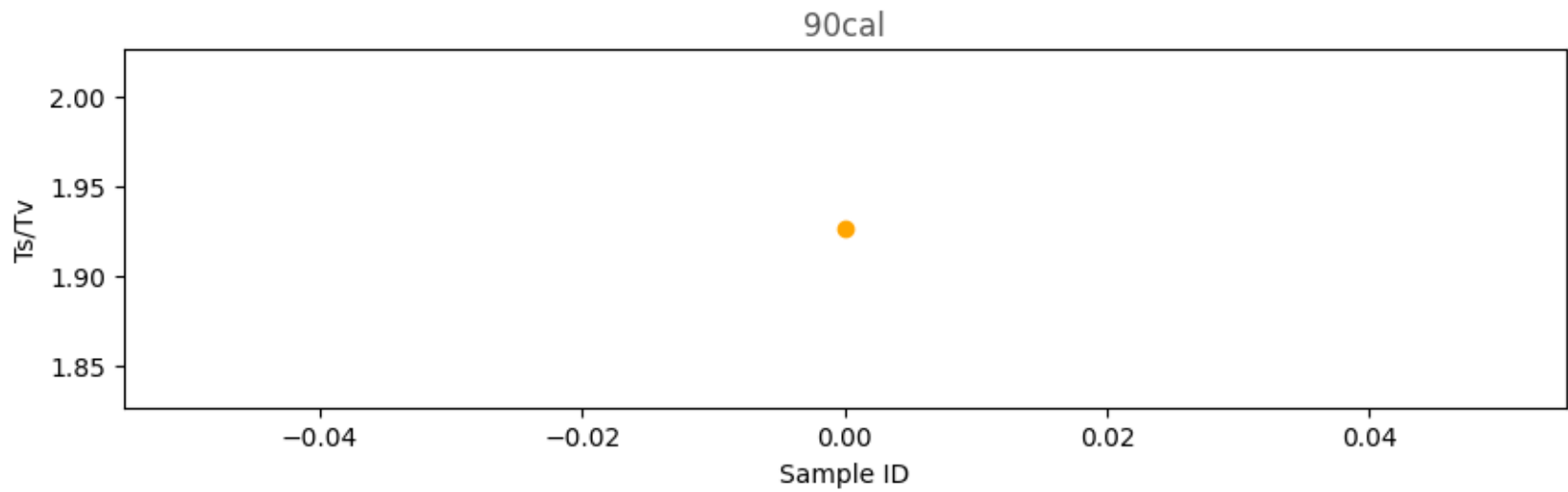
Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
90cal	4,065,850	1.93	1.93	940,381	–	0	0
* frameshift ratio: out/(out+in)							

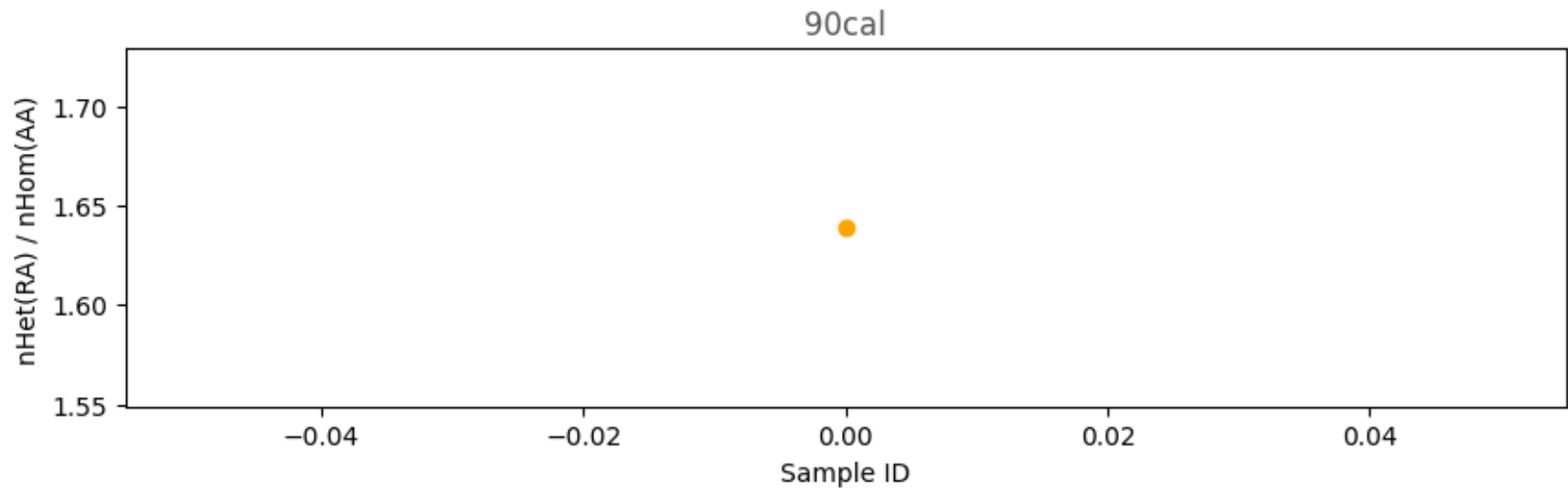
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
90cal	62.1%	1.89	66.4%	96,255	2,030

- 90cal .. /ngc/projects2/gm/data/archive/2022/variants/snv/90calisem-103807523663-Normal_Blood_noinfo-WGS_v1_IlluminaDNAPCRFree_RHGM00421-211203_A01466_BHN2G5DSX2-EXT_LAB_KA_NGCWGS-NGCWGS03443_21RKG025145x01_snv_germline_raw.haplotype_caller.vcf.gz

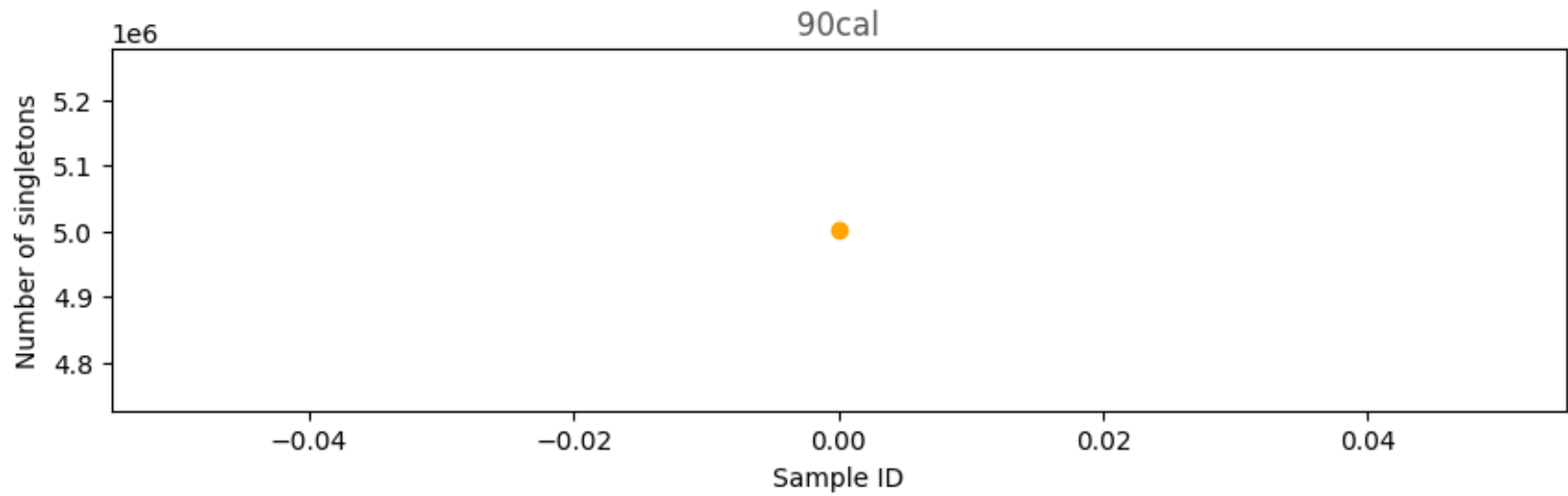
Ts/Tv by sample



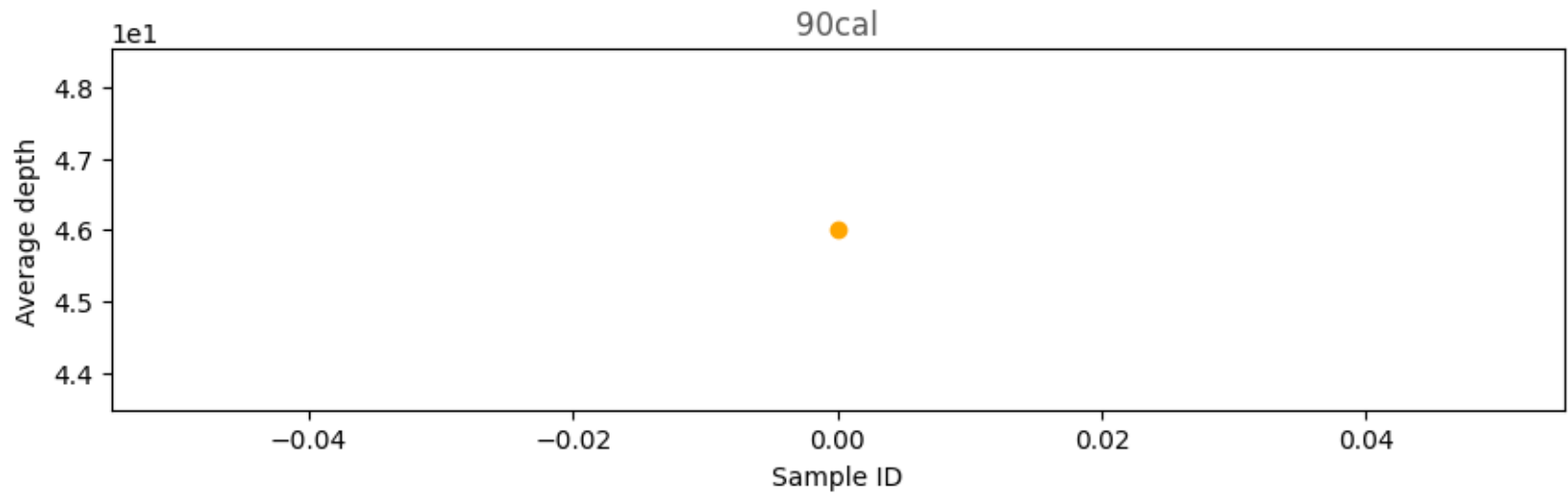
Hets vs non-ref Homs by sample



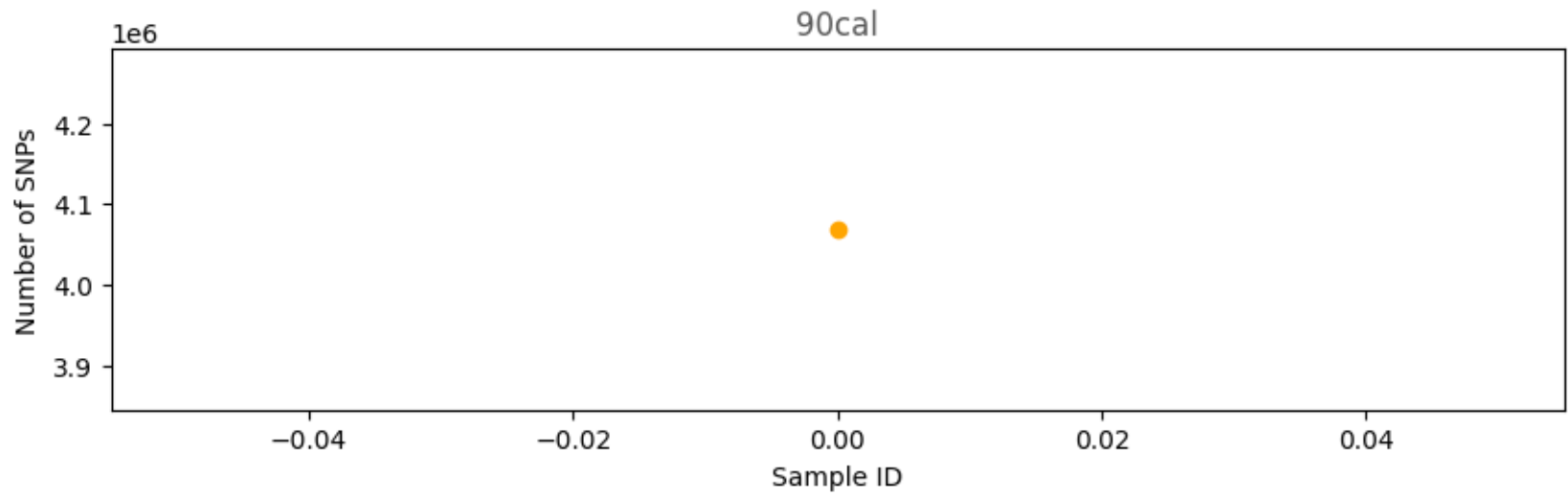
Singletons by sample (hets and homs)



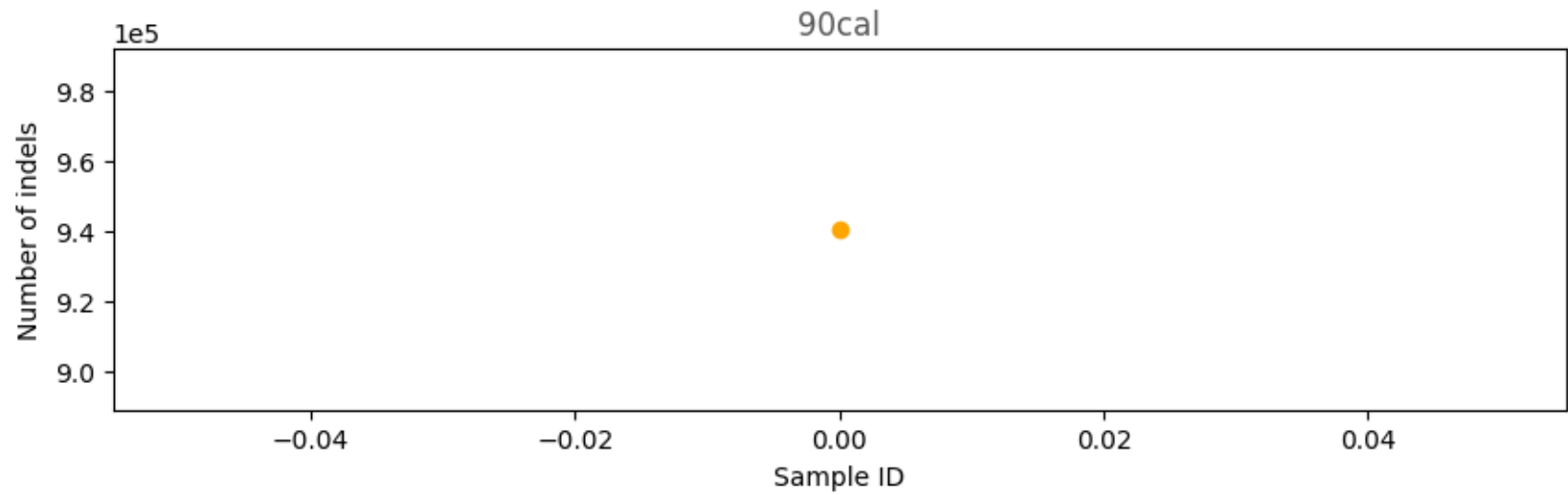
Average depth by sample



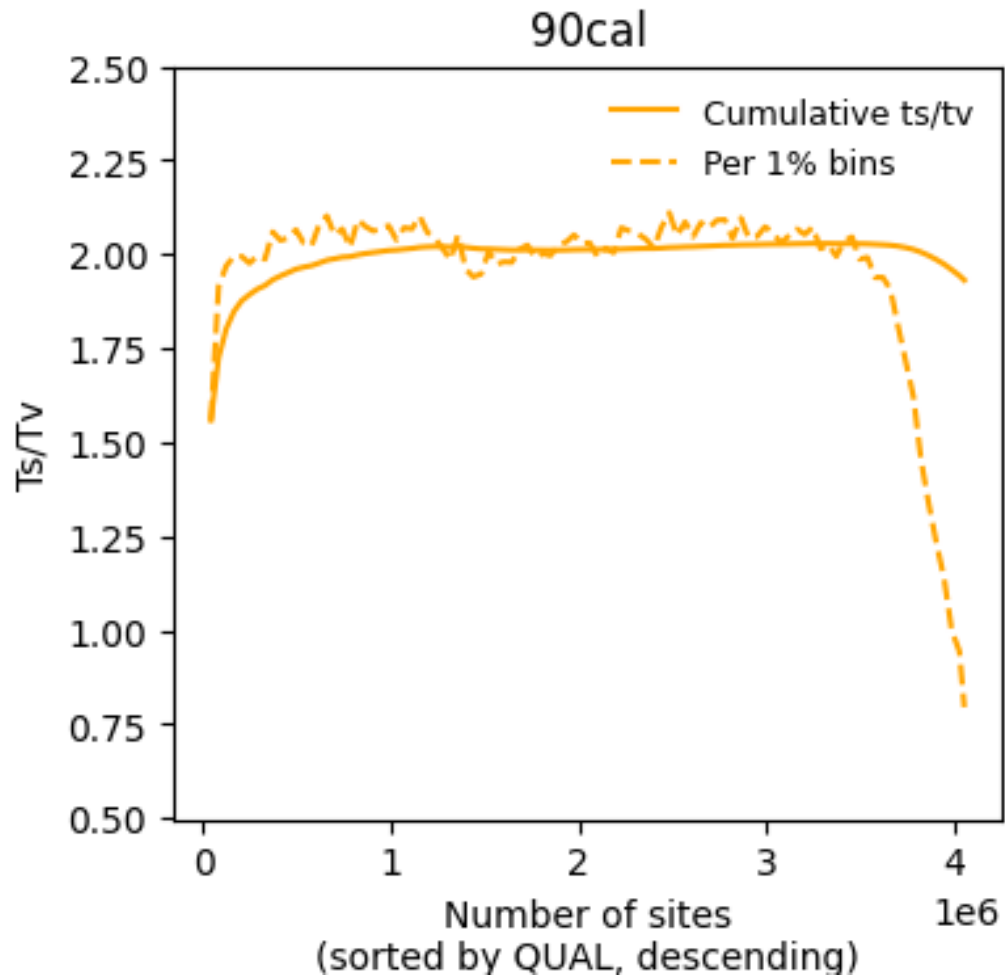
Number of SNPs by sample



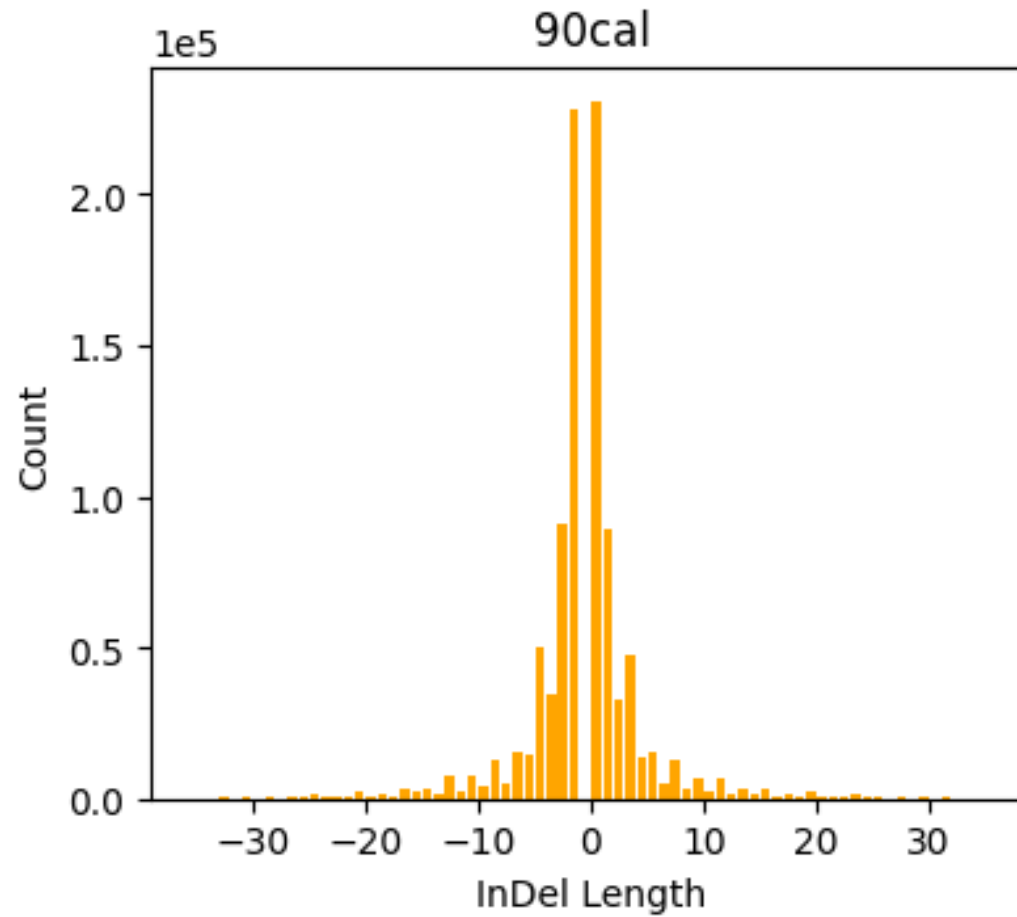
Number of indels by sample



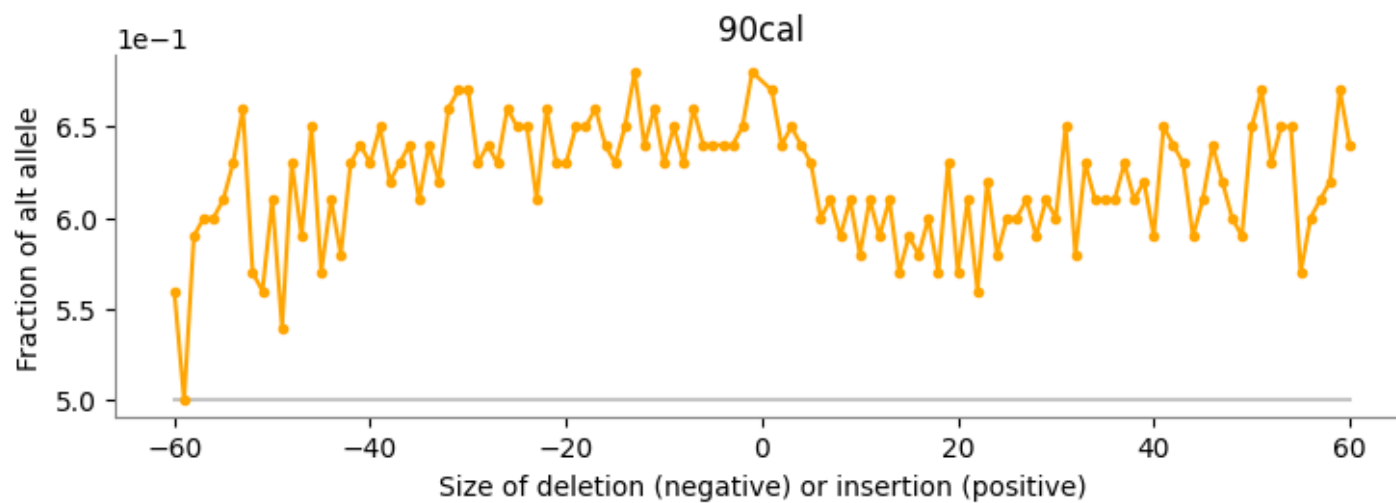
Ts/Tv stratified by QUAL



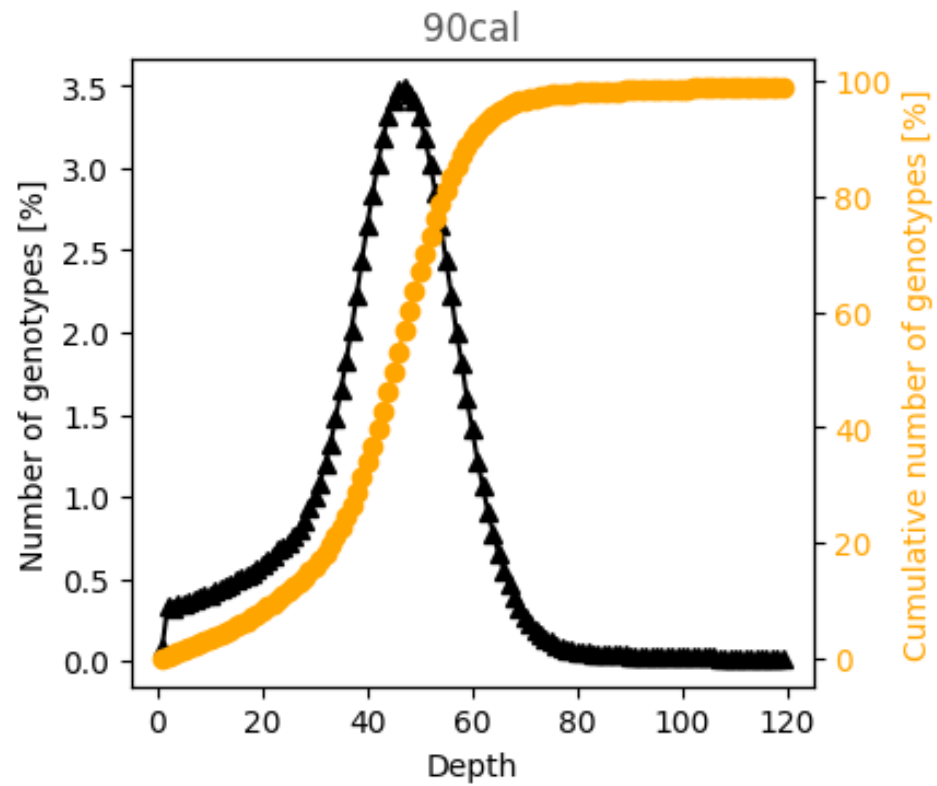
Indel distribution



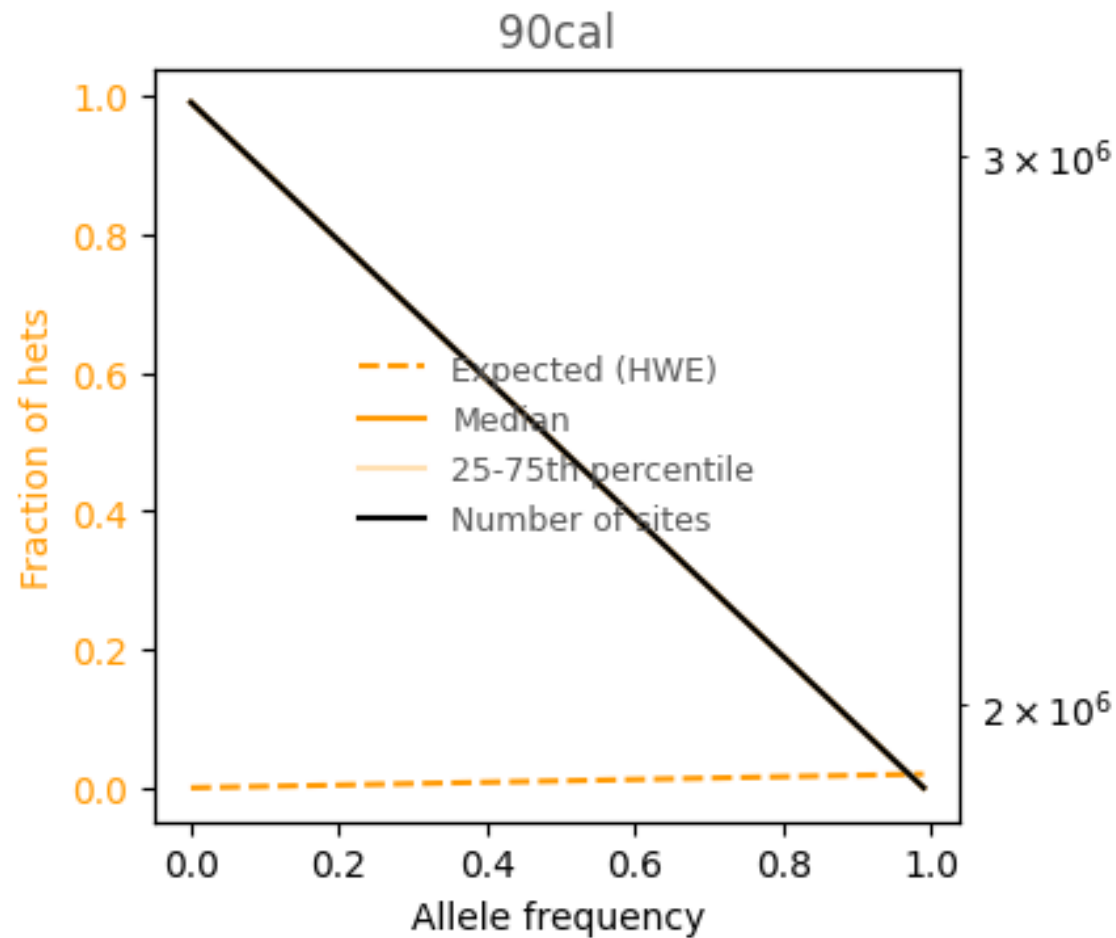
Fraction of alternate indel allele



Depth distribution



Number of HETs by AF



Substitution types

