

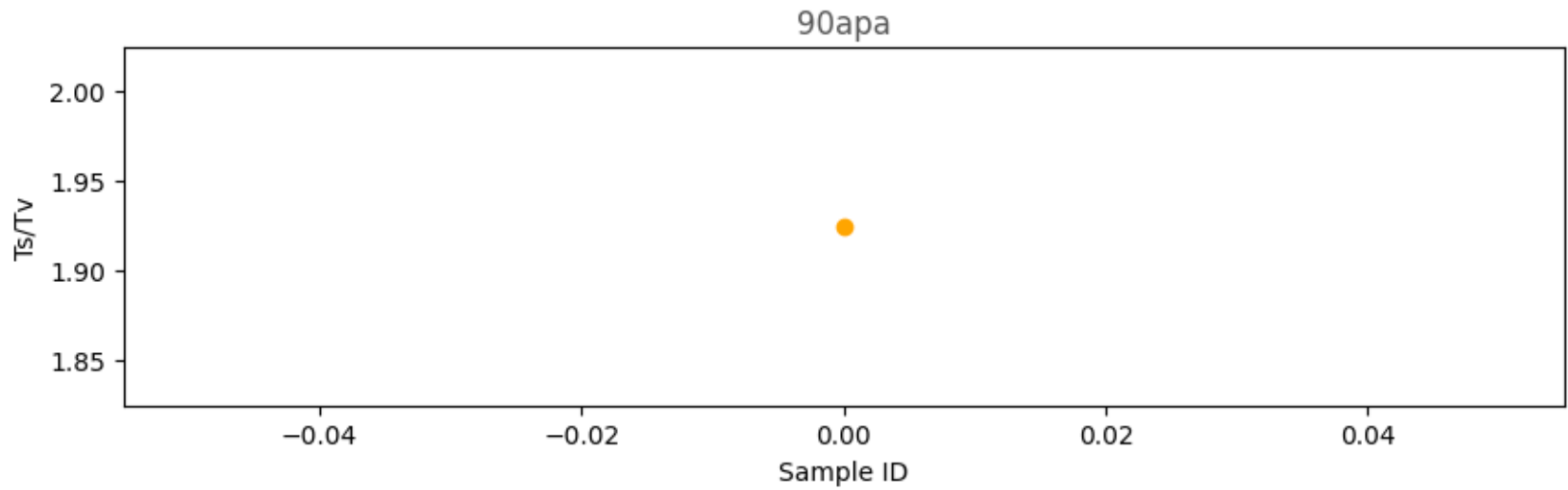
Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
90apa	4,078,051	1.92	1.93	954,210	–	0	0
* frameshift ratio: out/(out+in)							

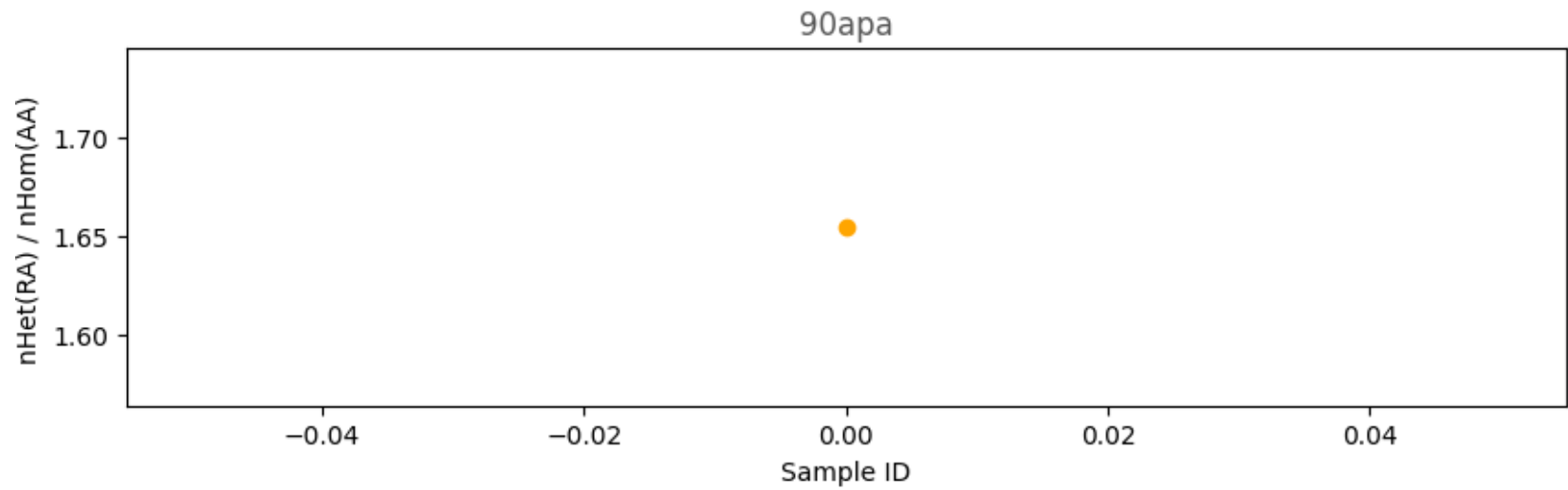
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
90apa	62.3%	1.89	67.4%	102,592	1,883

- 90apa .. /ngc/projects2/gm/data/archive/2022/variants/snv/90apawatm-103899193860-Normal_Blood_noinfo-WGS_v1_IlluminaDNAPCRFree_RHGM01514-220914_A00559_BHTNKTDSX3-EXT_LAB_KA_NGCWGS-NGCWGS05307_22RKG019059_snv_germline_raw.haplotype_caller.vcf.gz

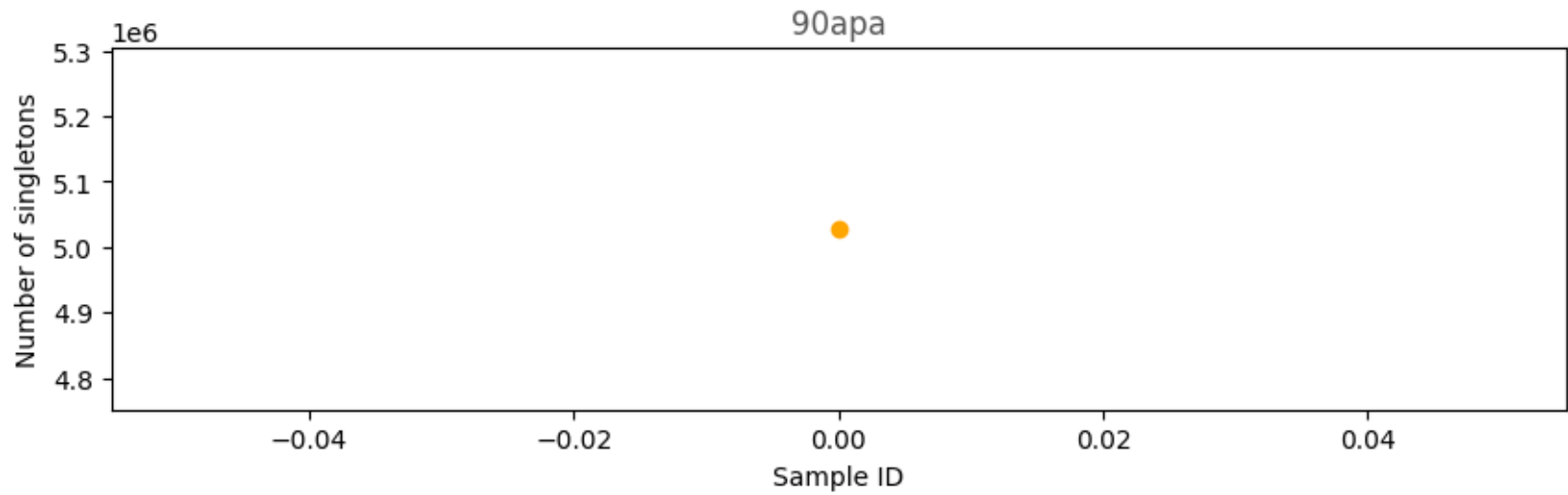
Ts/Tv by sample



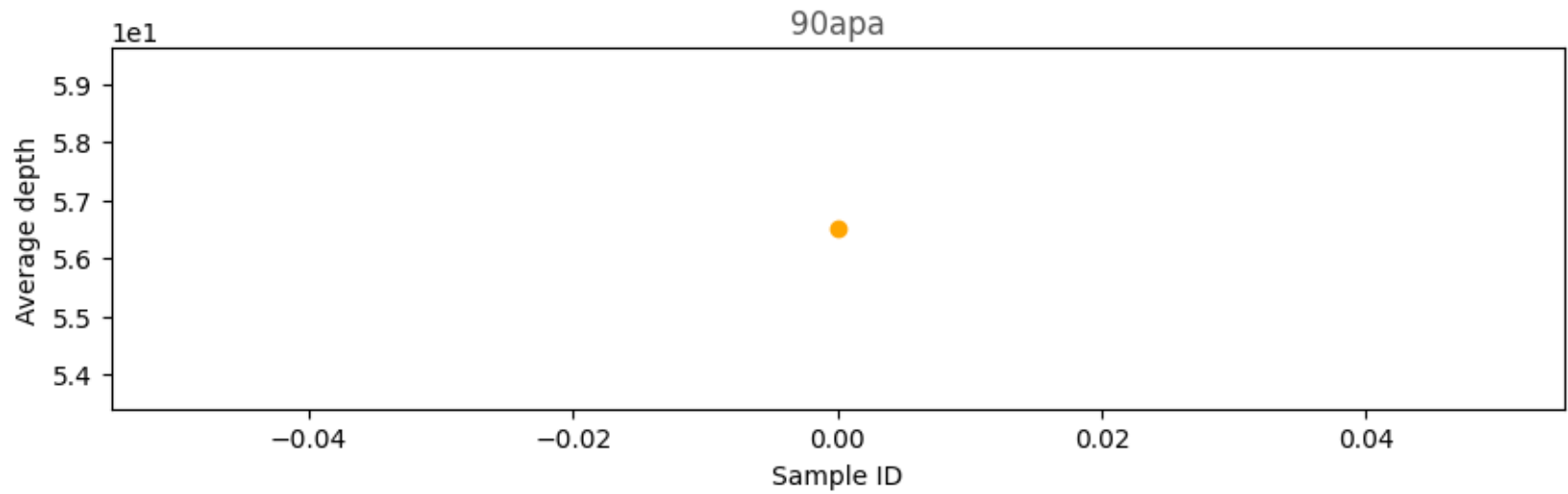
Hets vs non-ref Homs by sample



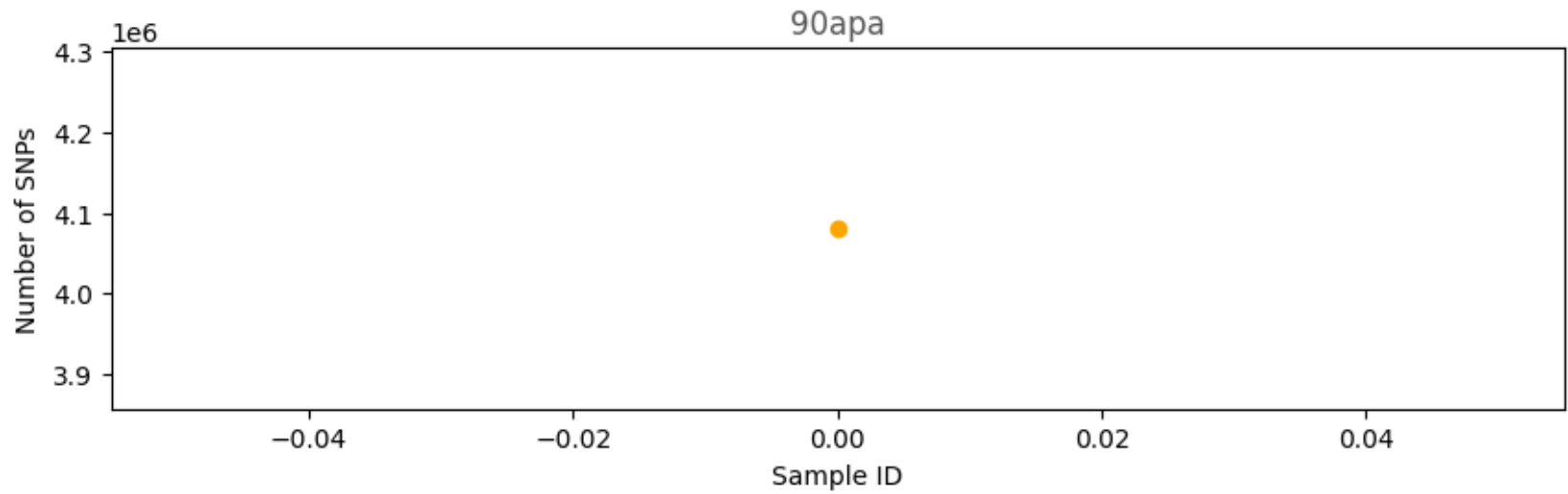
Singletons by sample (hets and homs)



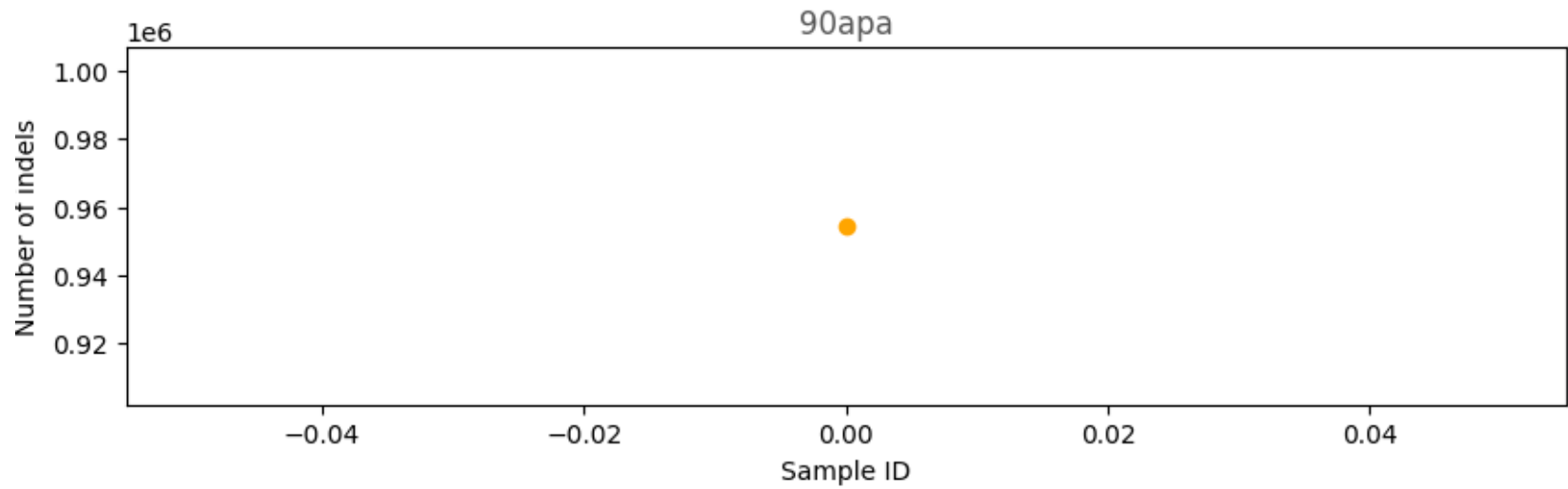
Average depth by sample



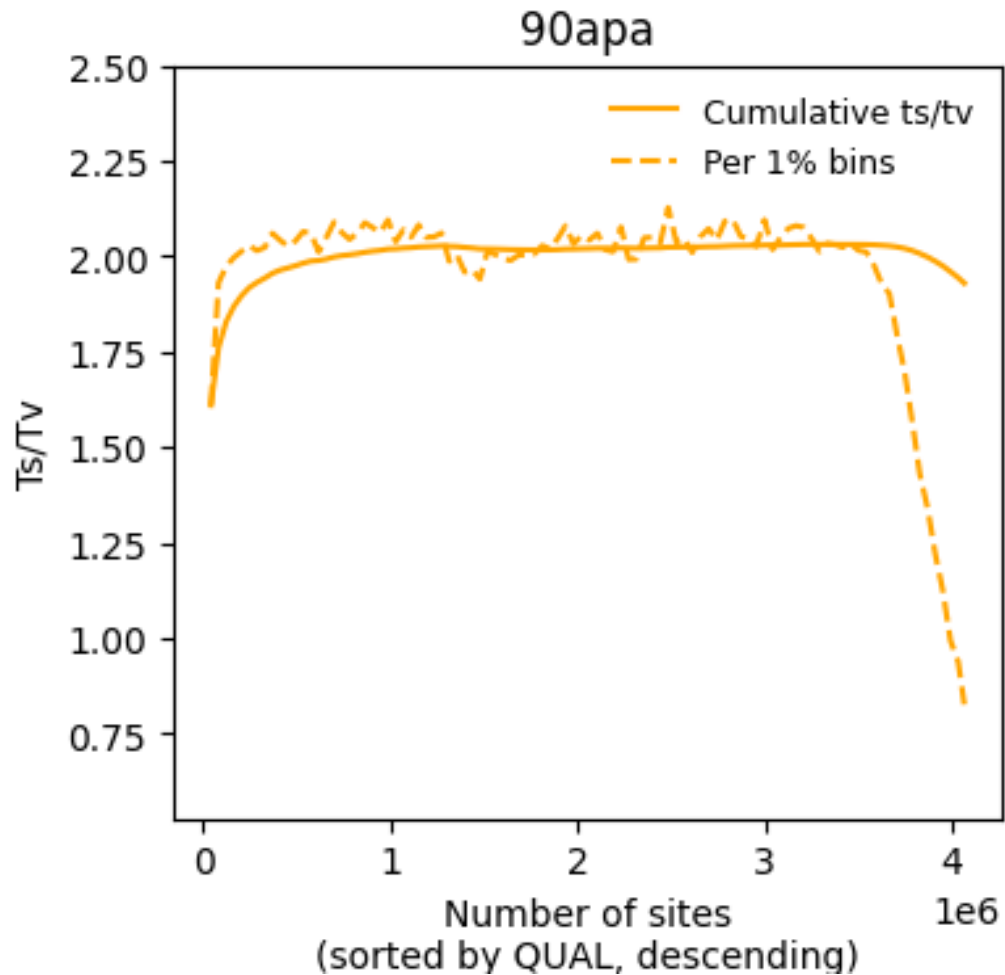
Number of SNPs by sample



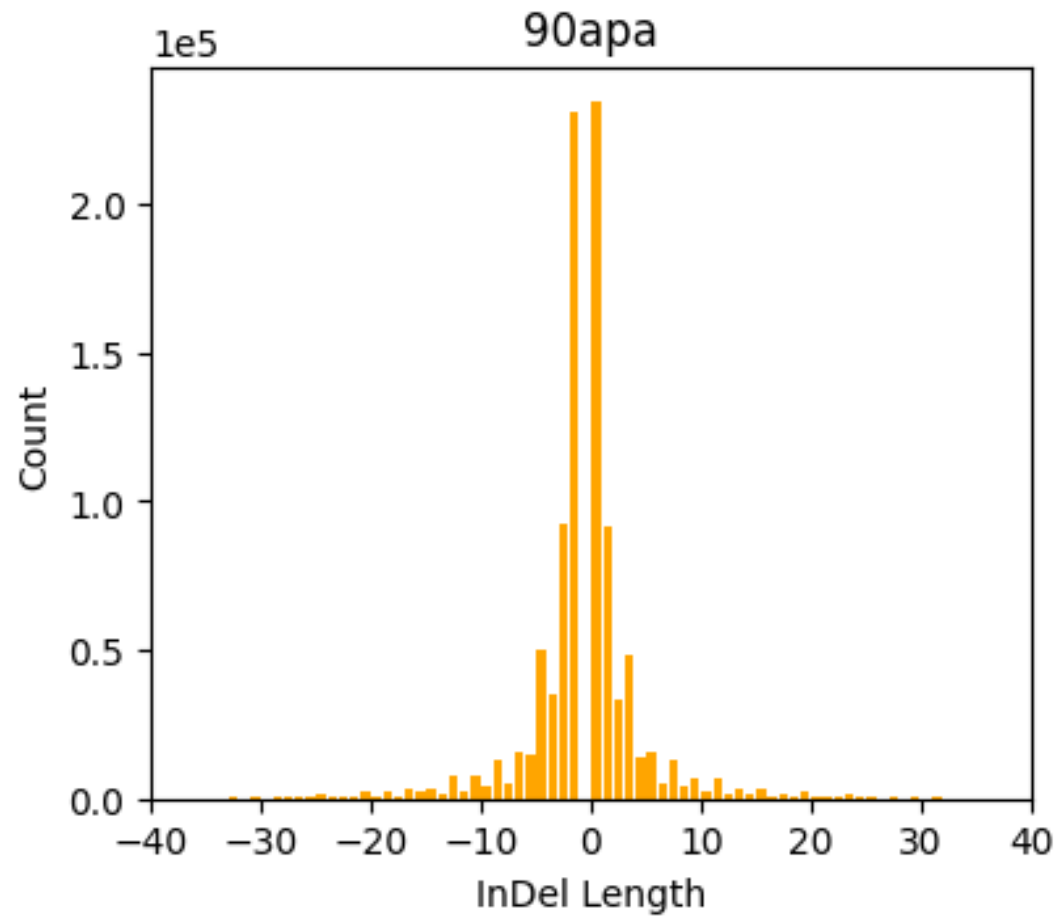
Number of indels by sample



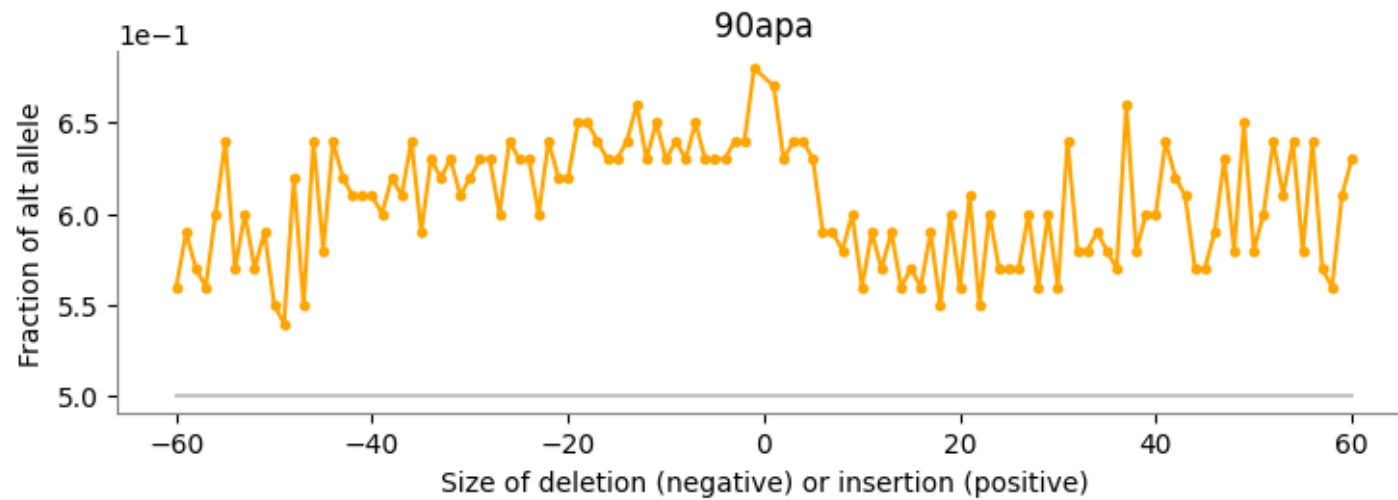
Ts/Tv stratified by QUAL



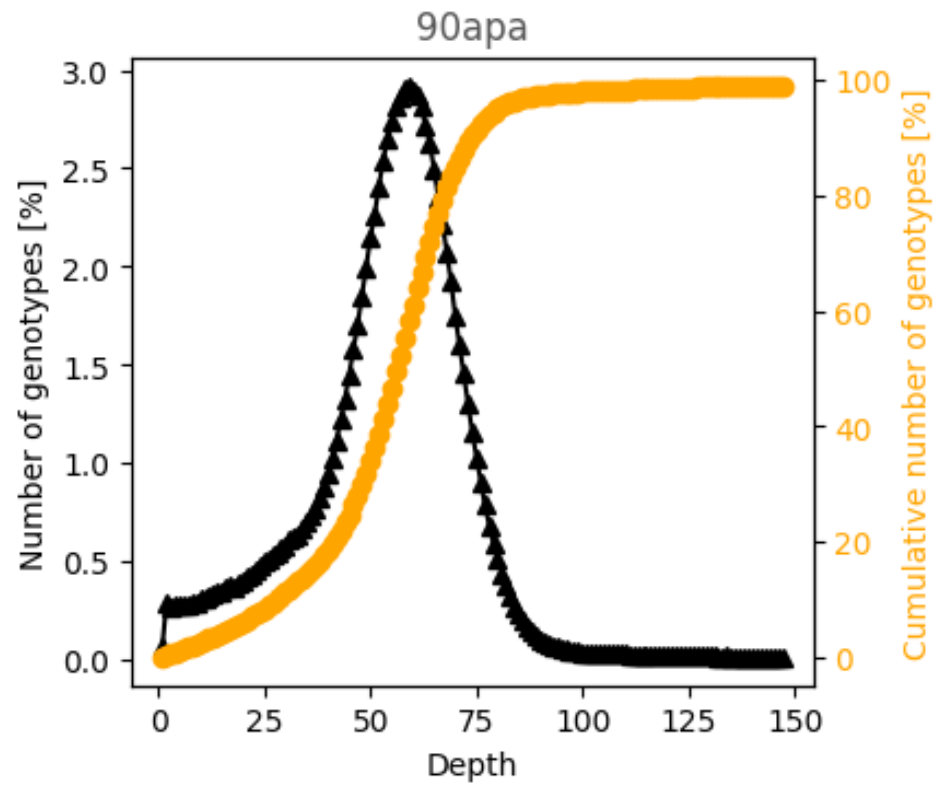
Indel distribution



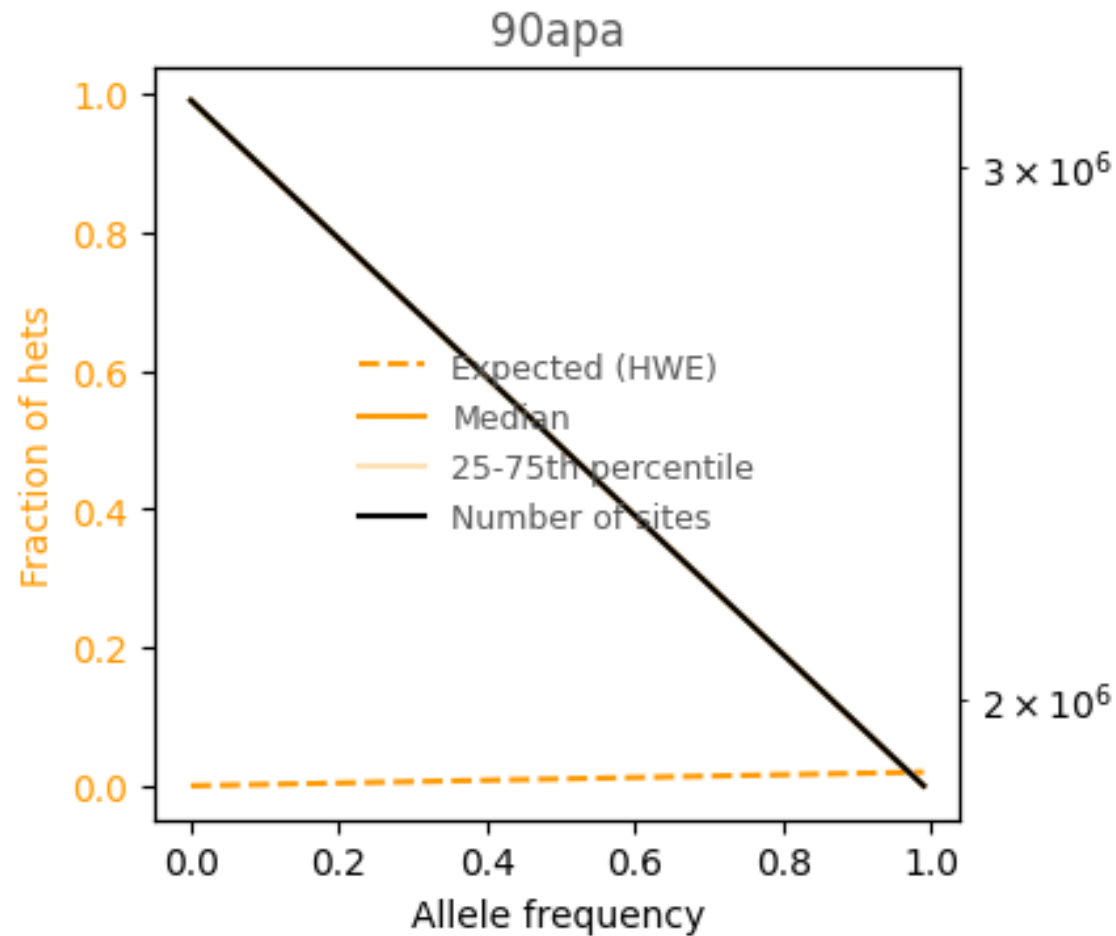
Fraction of alternate indel allele



Depth distribution



Number of HETs by AF



Substitution types

