

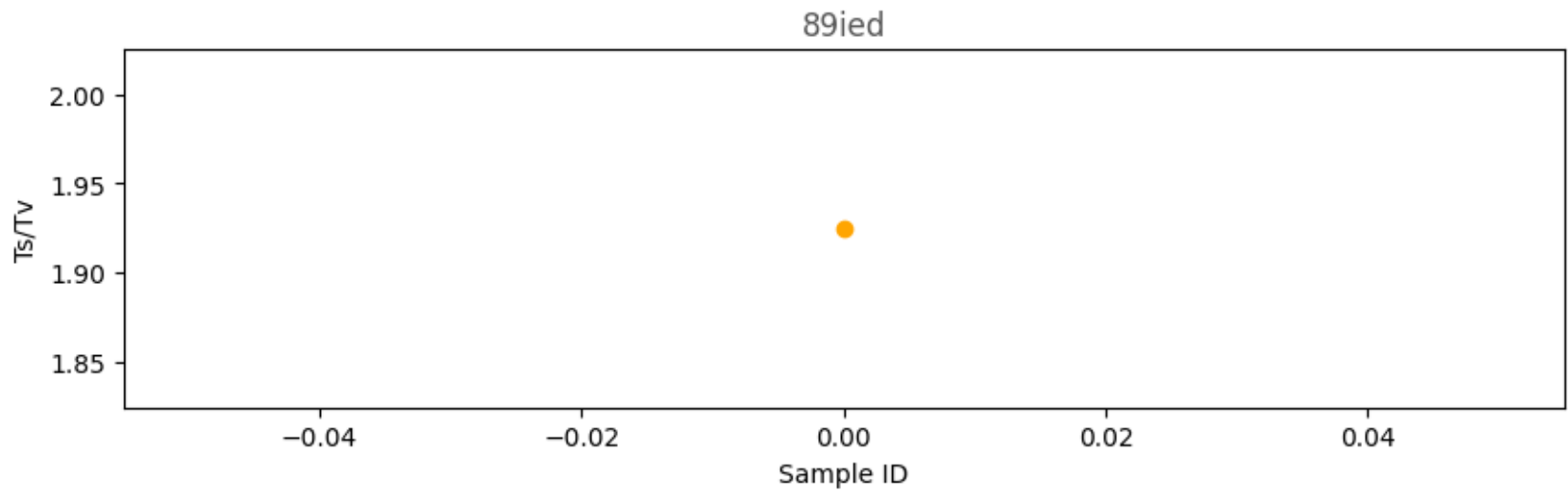
Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
89ied	4,084,802	1.92	1.93	944,143	–	0	0
* frameshift ratio: out/(out+in)							

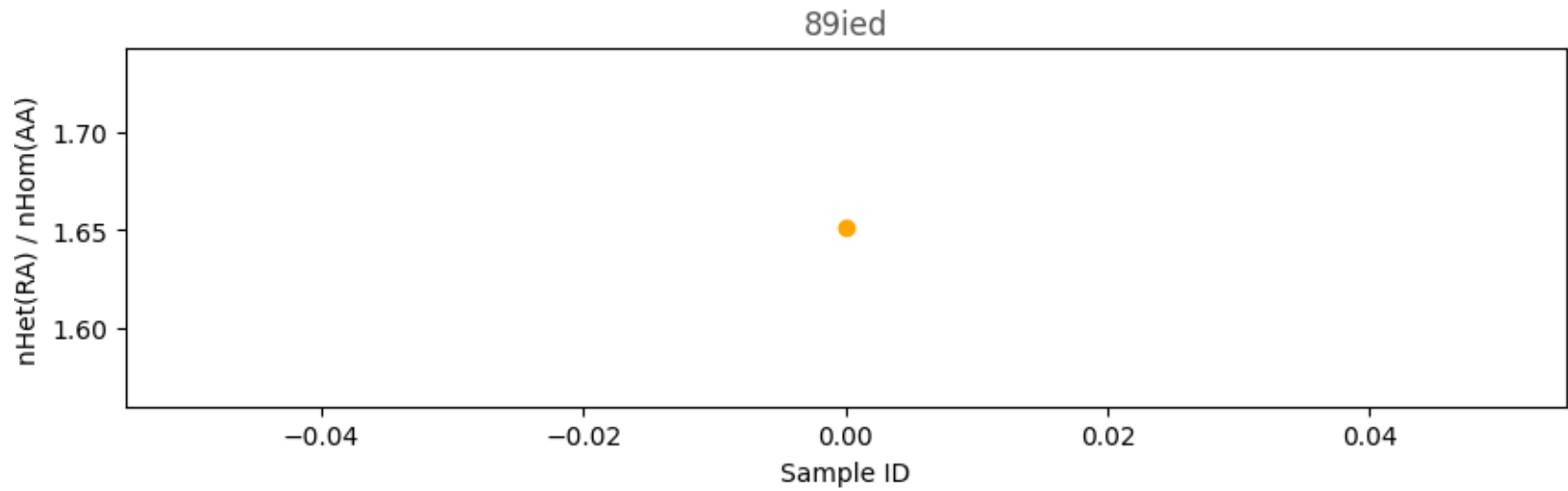
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
89ied	62.3%	1.89	66.7%	97,039	1,928

- 89ied .. /ngc/projects2/gm/data/archive/2022/variants/snv/89iedensm-103855506420-Normal_Blood_noinfo-WGS_v1_IlluminaDNAPCRFree_X-220401_A01411_BHGMNDSX3-RHGM_LABKA_WGSA_KUT-WGSAKUT04056_22RKG007776x01_snv_germline_raw.haplotype_caller.vcf.gz

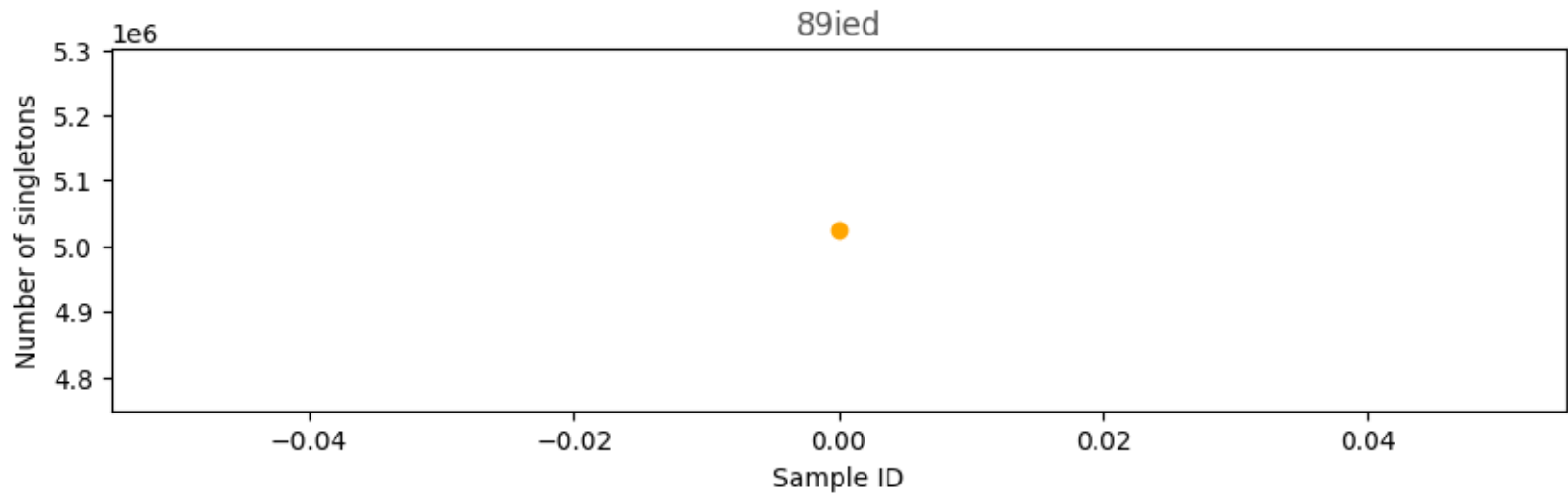
Ts/Tv by sample



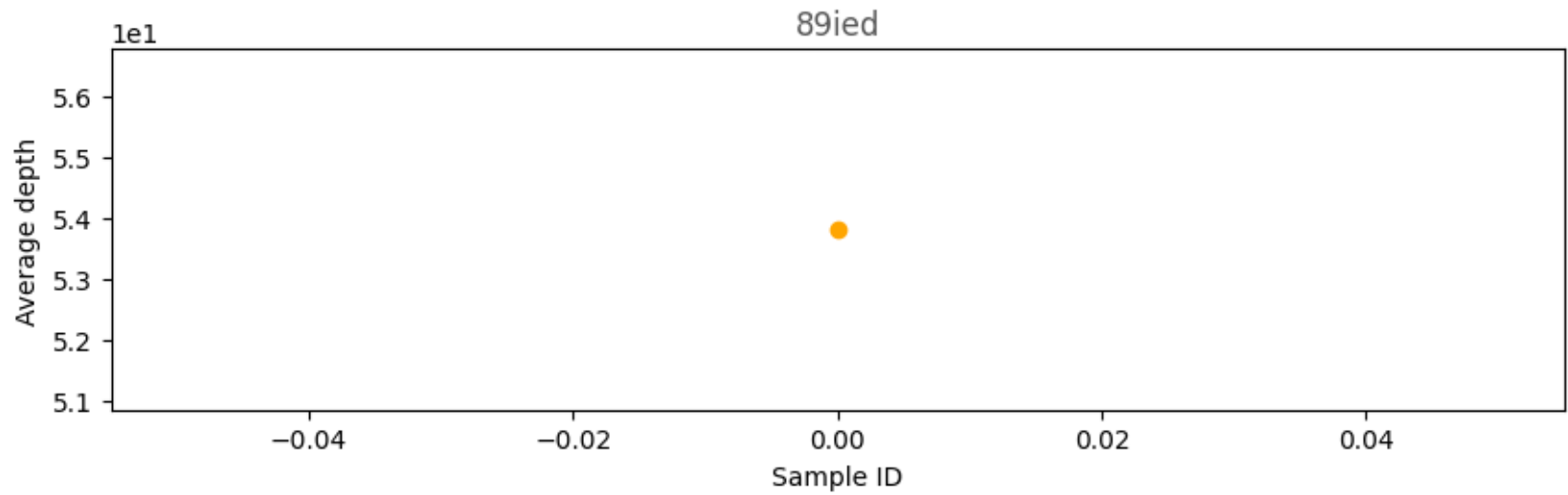
Hets vs non-ref Homs by sample



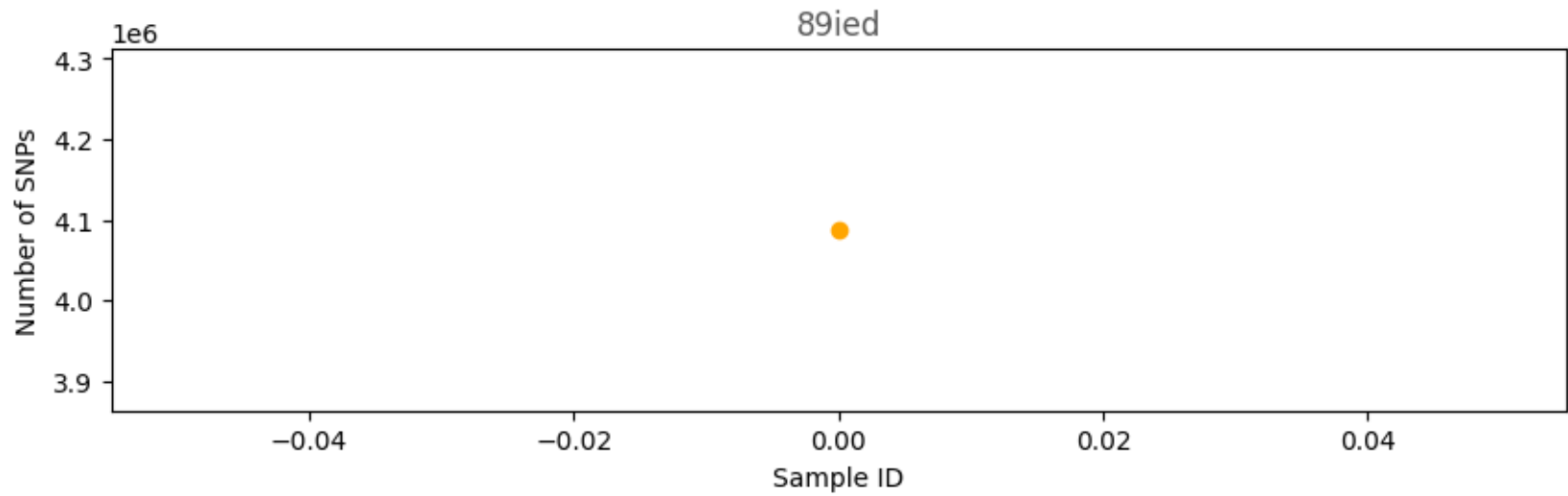
Singletons by sample (hets and homs)



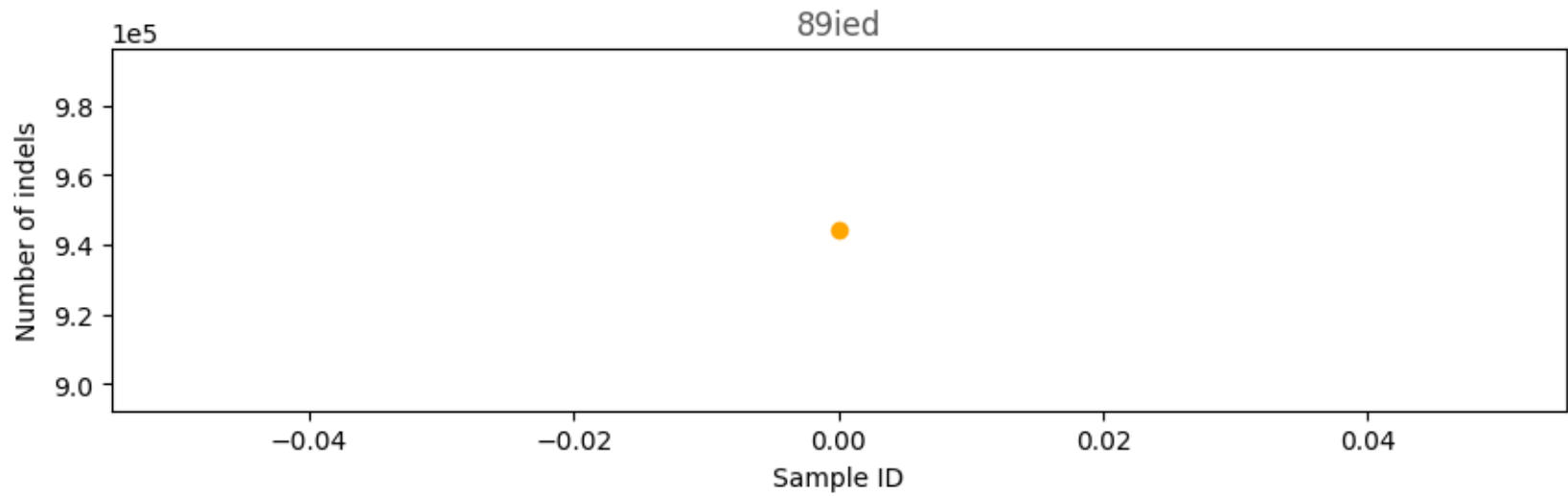
Average depth by sample



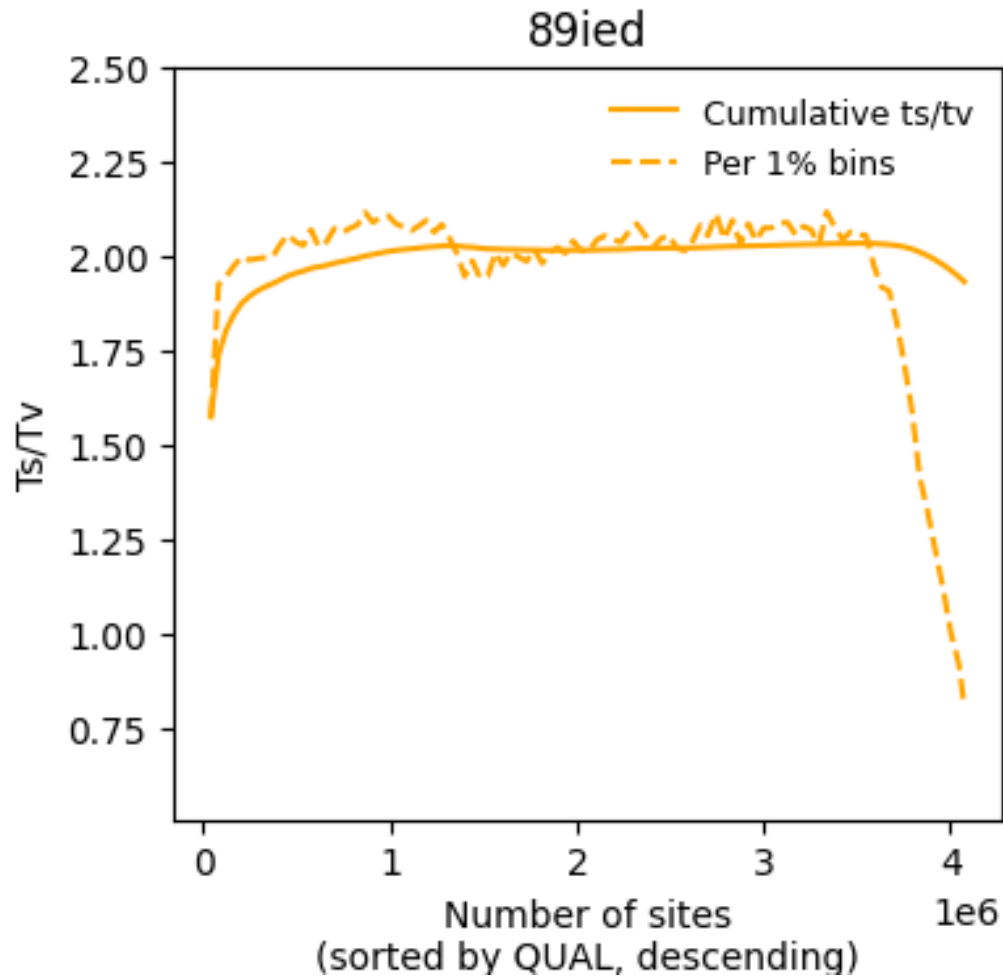
Number of SNPs by sample



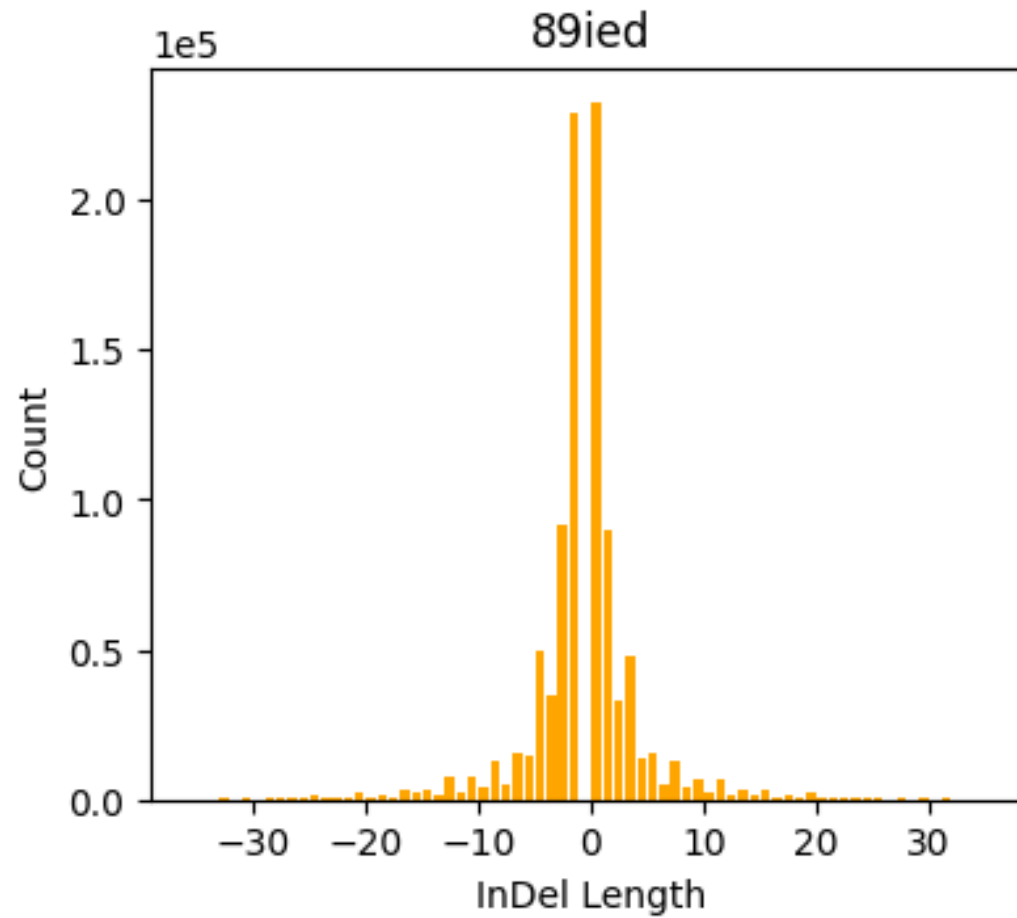
Number of indels by sample



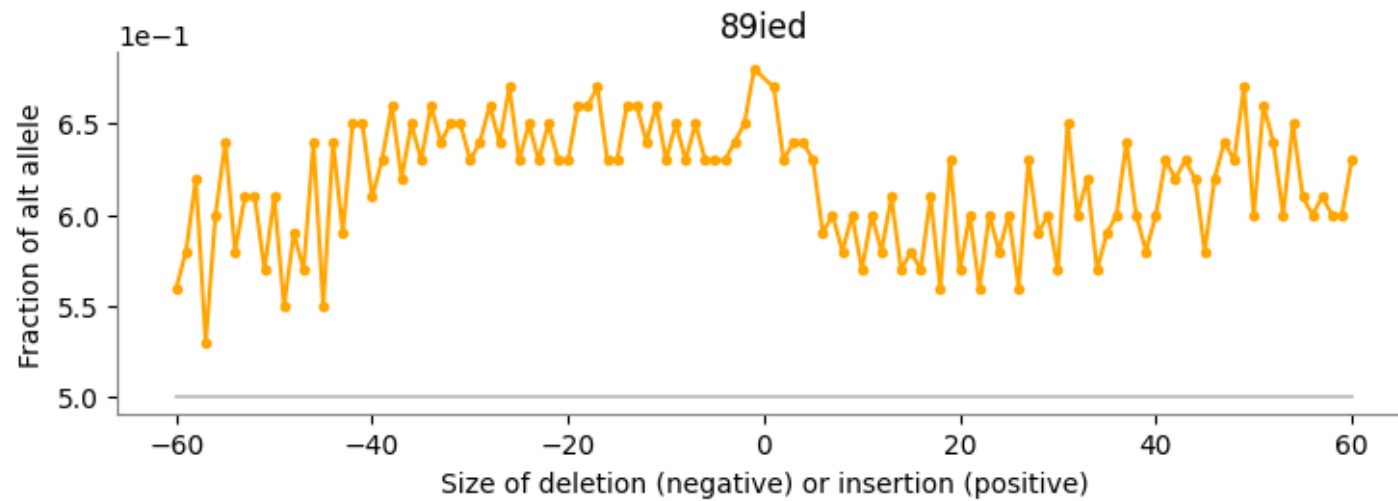
Ts/Tv stratified by QUAL



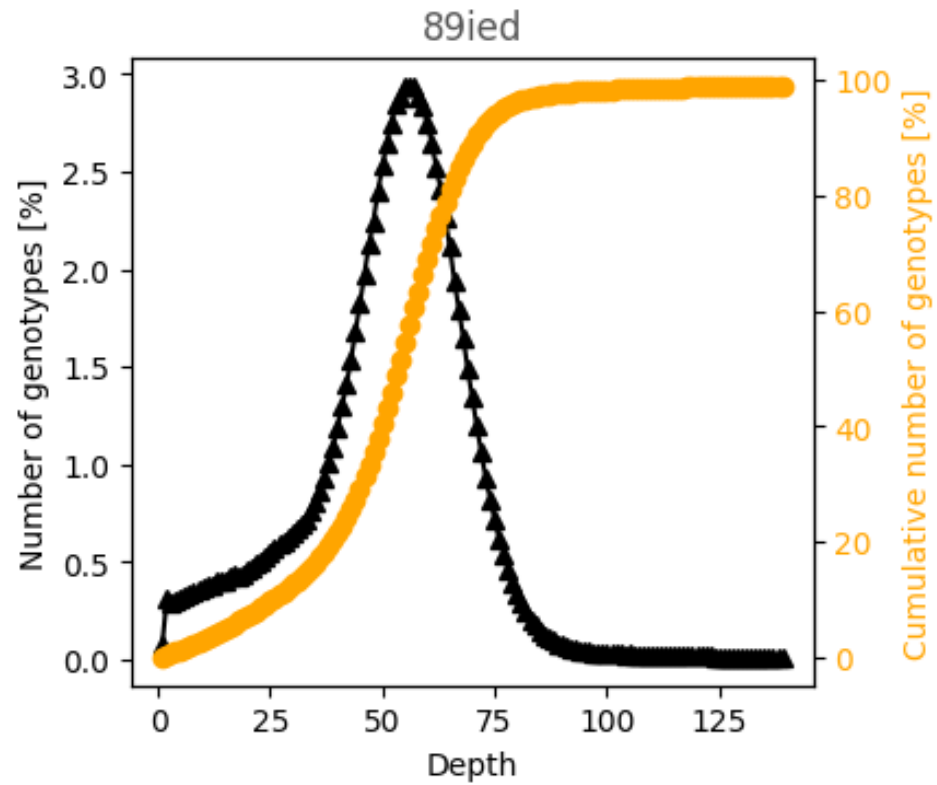
Indel distribution



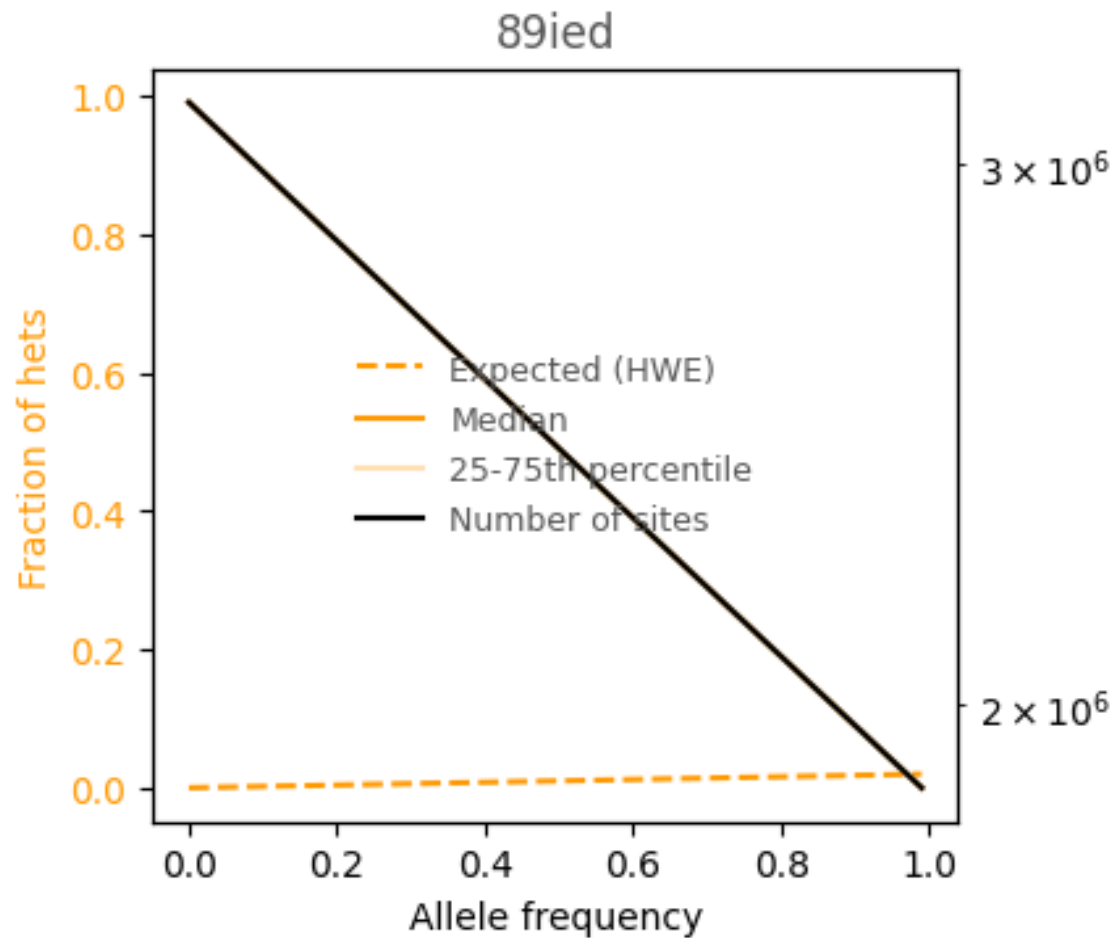
Fraction of alternate indel allele



Depth distribution



Number of HETs by AF



Substitution types

