

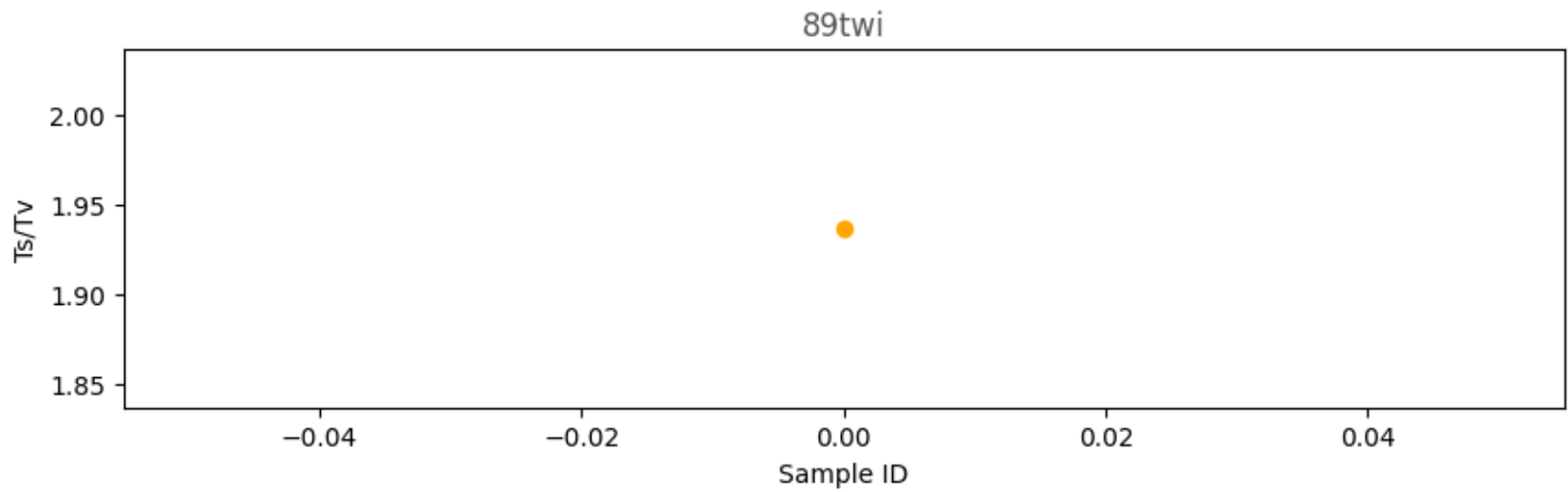
Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
89twi	4,015,418	1.94	1.94	928,792	–	0	0
* frameshift ratio: out/(out+in)							

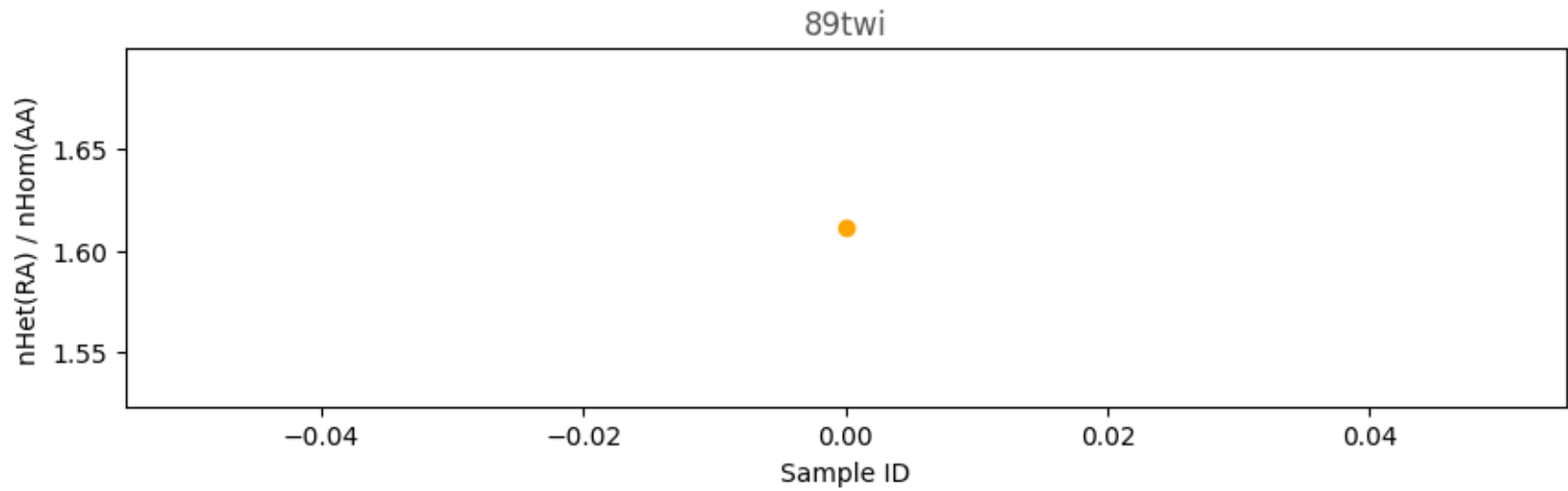
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
89twi	61.7%	1.91	65.7%	90,705	1,889

- 89twi .. /ngc/projects2/gm/data/archive/2022/variants/snv/89twitofm-103838147230-Normal_Blood_noinfo-WGS_v1_IlluminaDNAPCRFree_X-220216_A01176_AH5TGVDX3-RHGM_LABKA_WGSA_KUT-WGSAKUT03834_22RKG003774x01_snv_germline_raw.haplotype_caller.vcf.gz

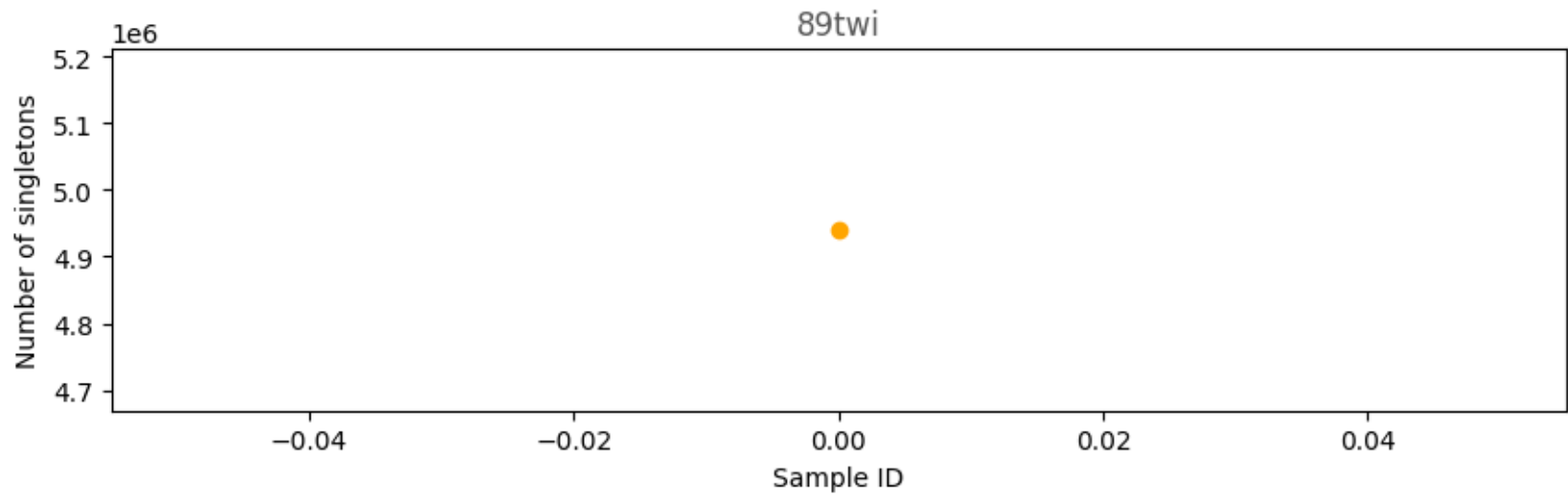
Ts/Tv by sample



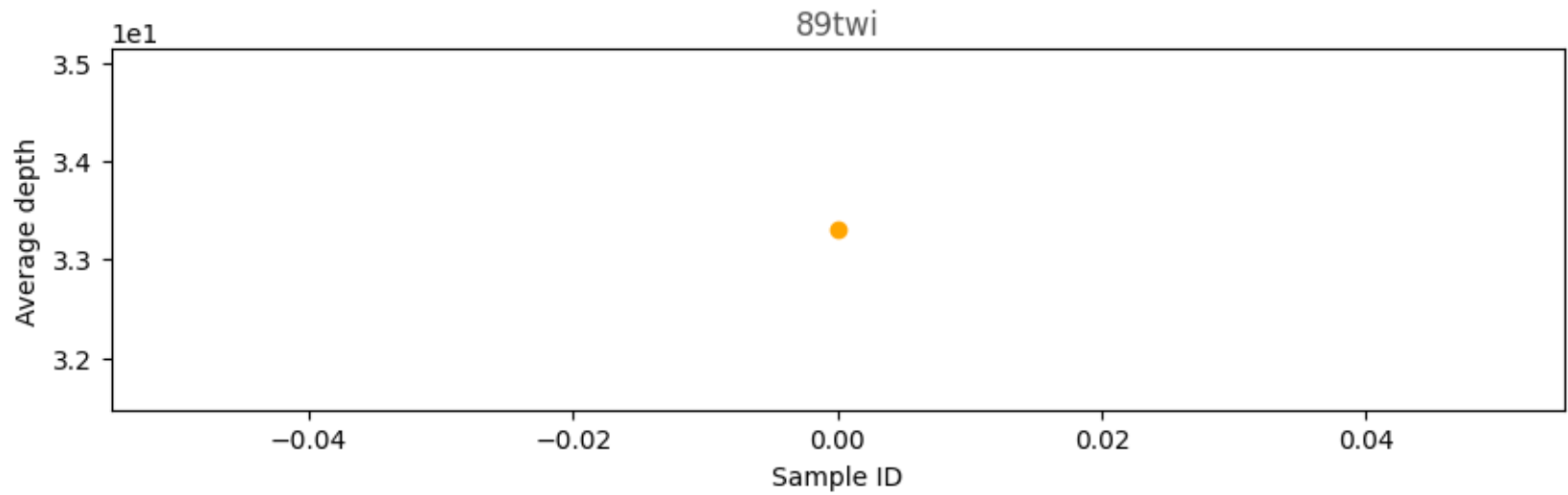
Hets vs non-ref Homs by sample



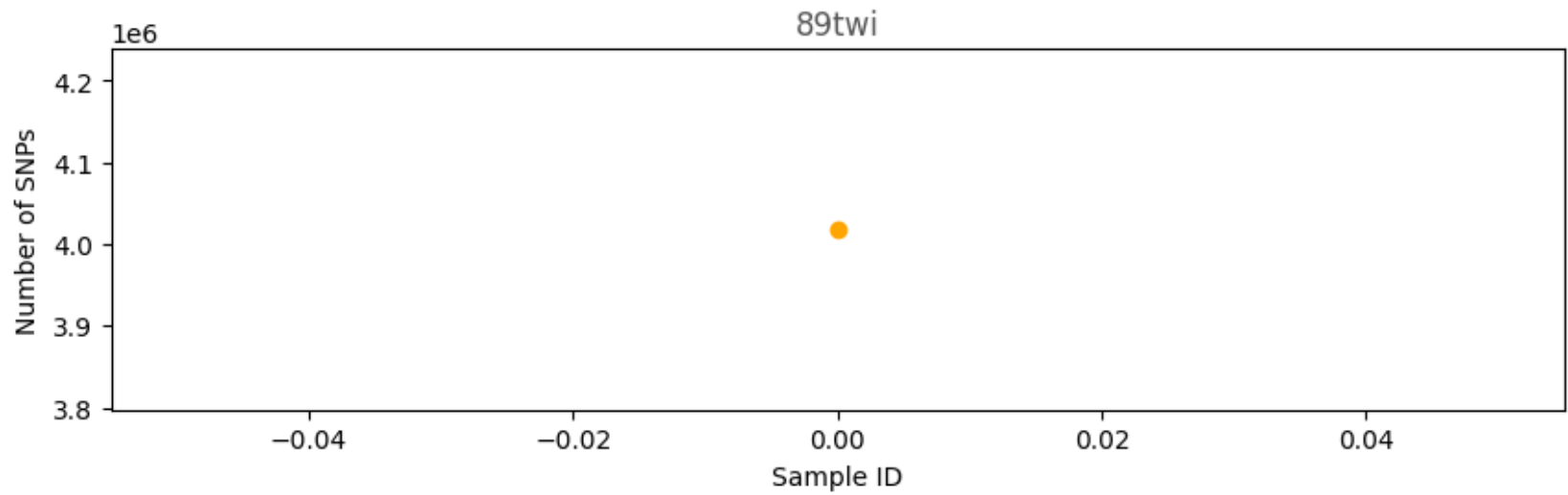
Singletons by sample (hets and homs)



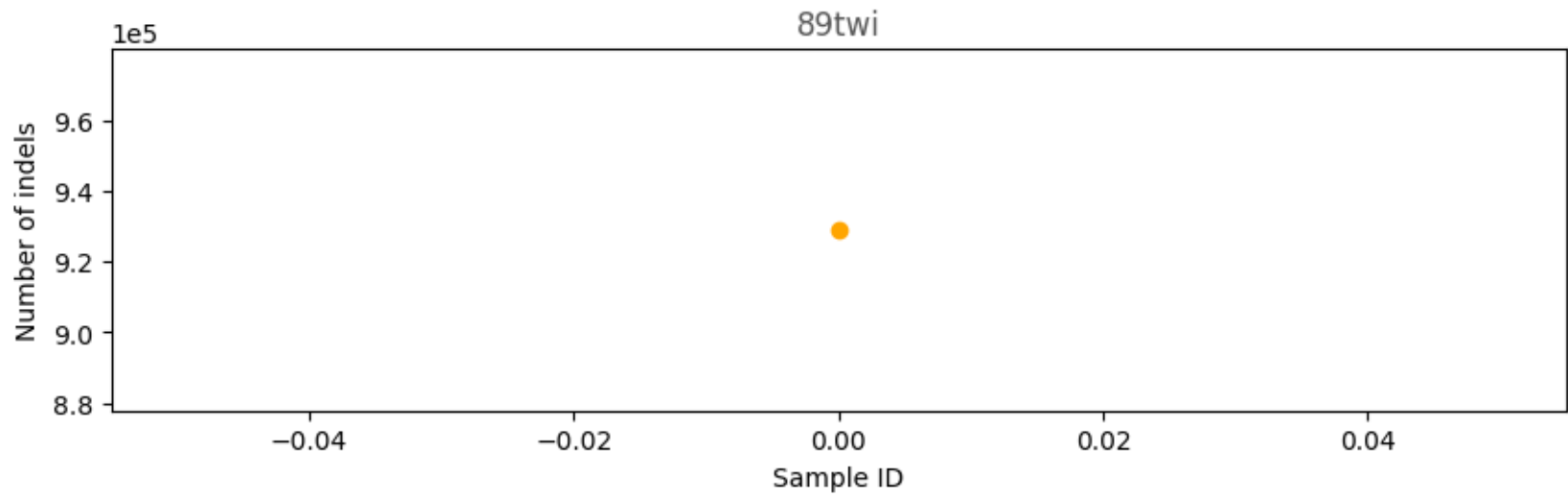
Average depth by sample



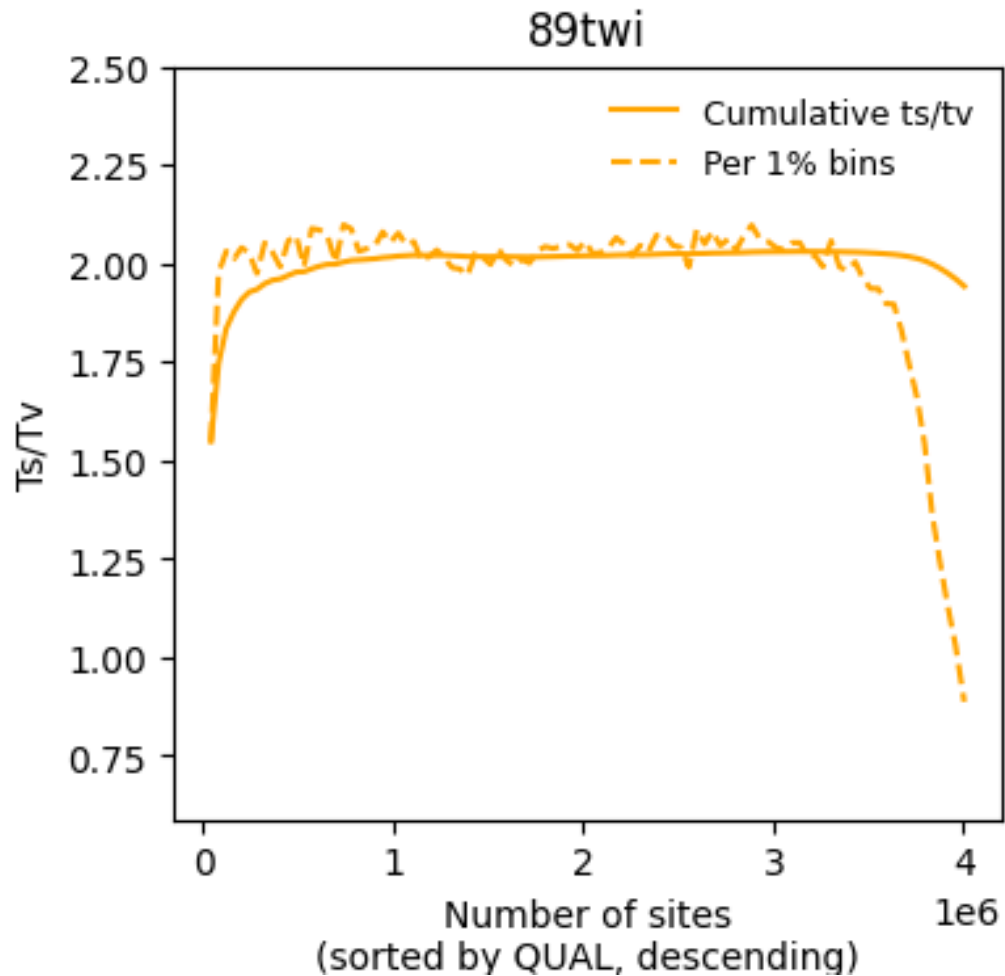
Number of SNPs by sample



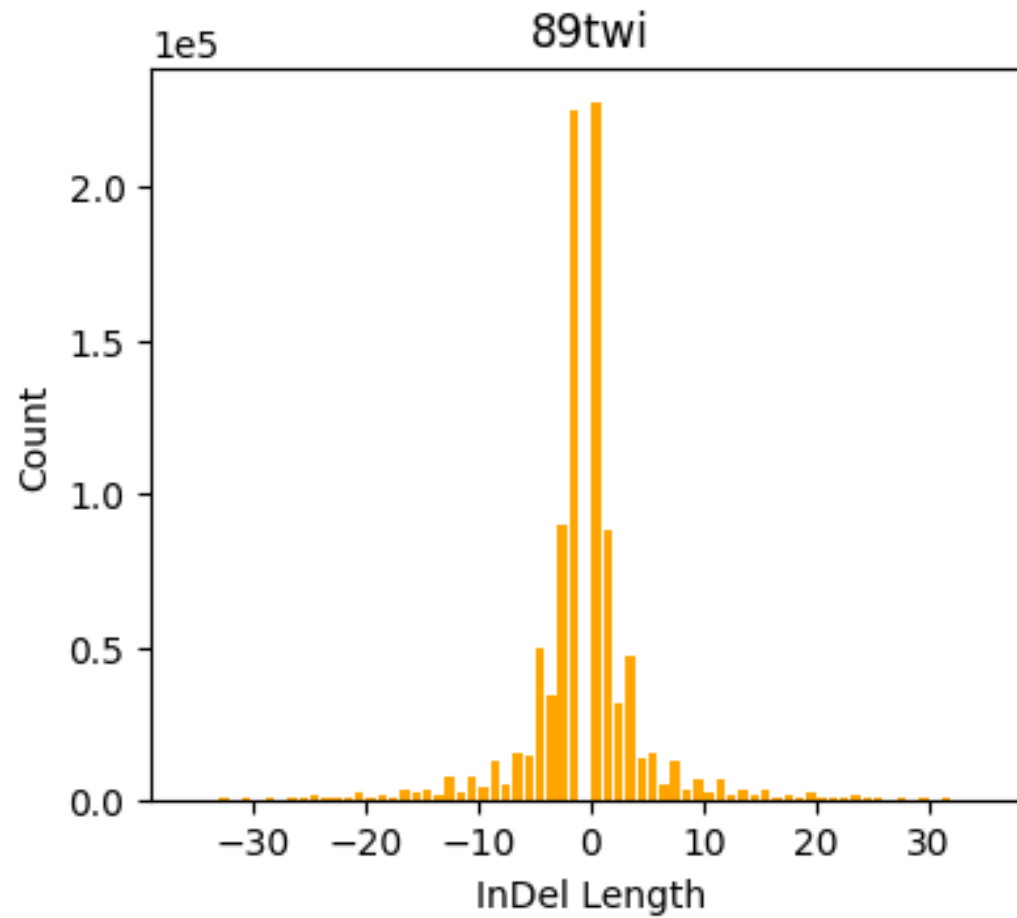
Number of indels by sample



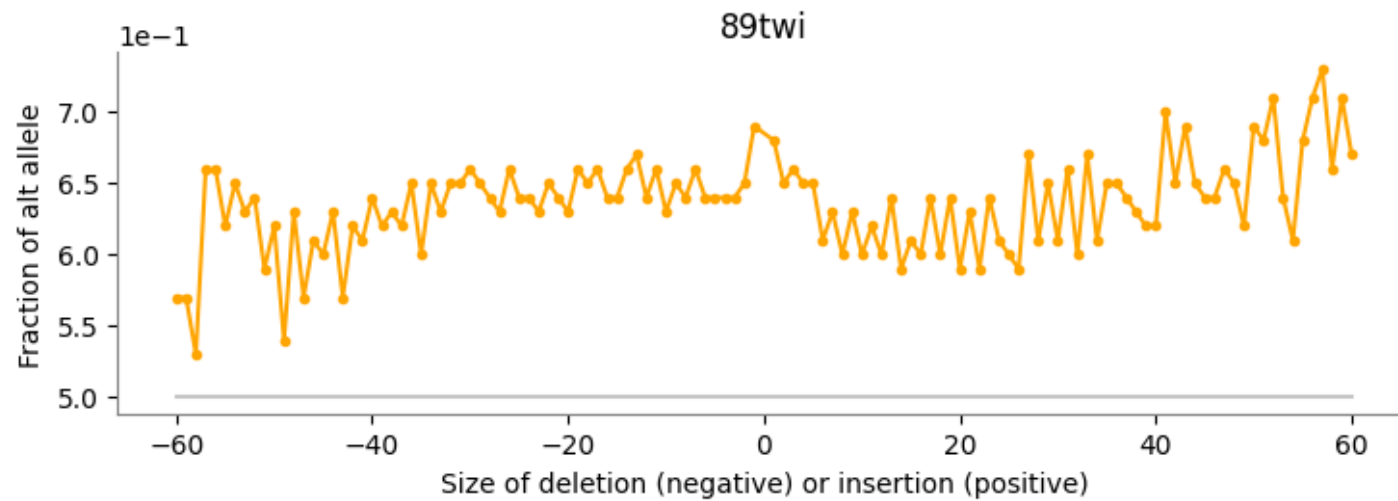
Ts/Tv stratified by QUAL



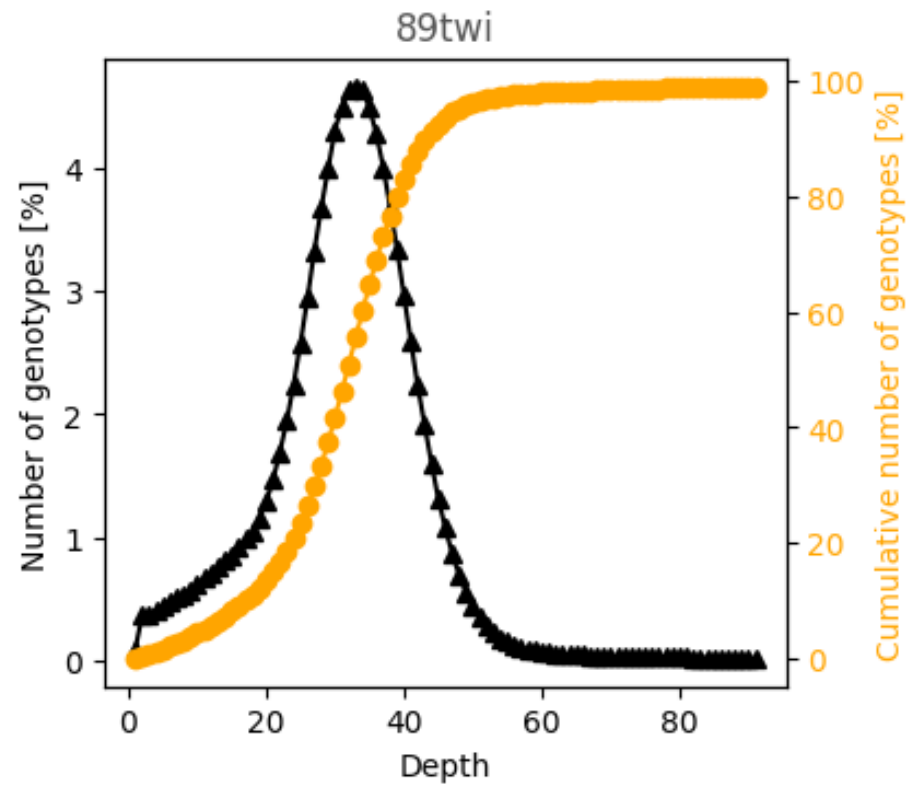
Indel distribution



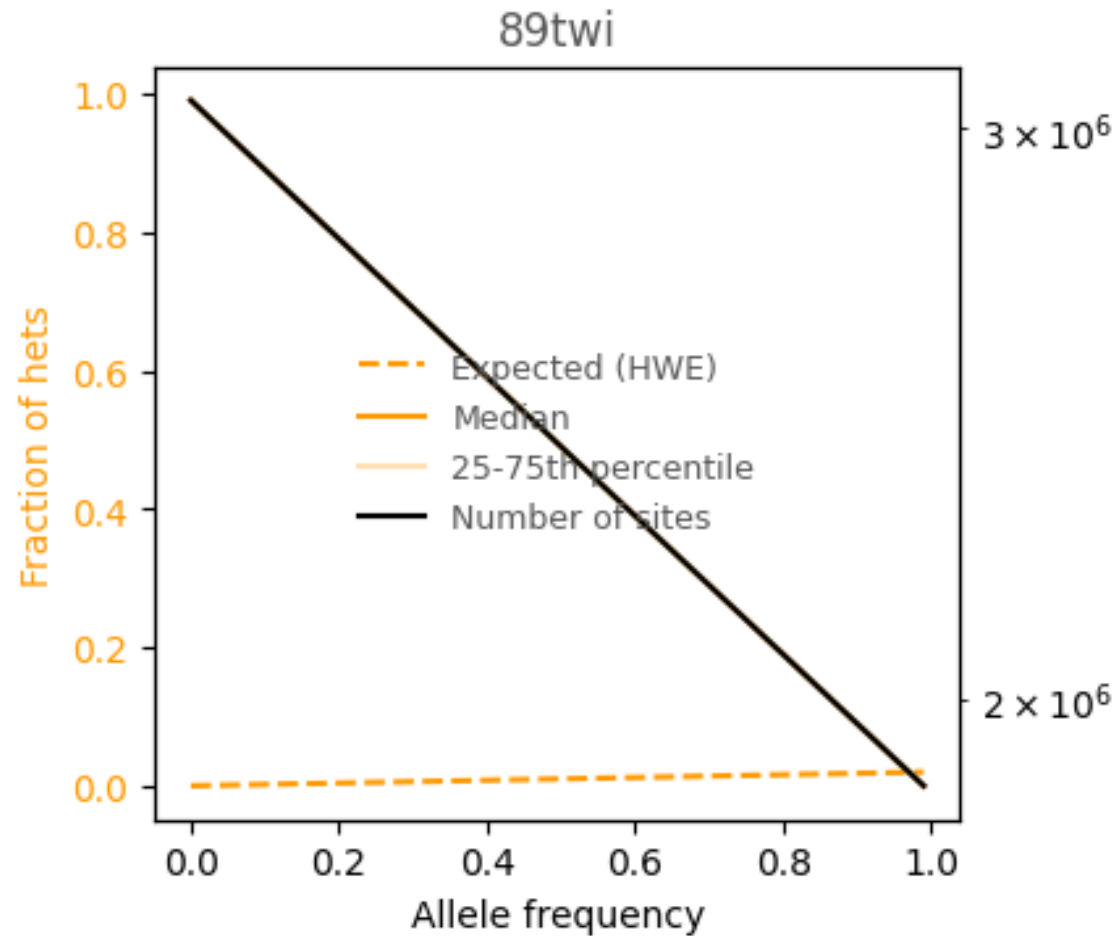
Fraction of alternate indel allele



Depth distribution



Number of HETs by AF



Substitution types

