

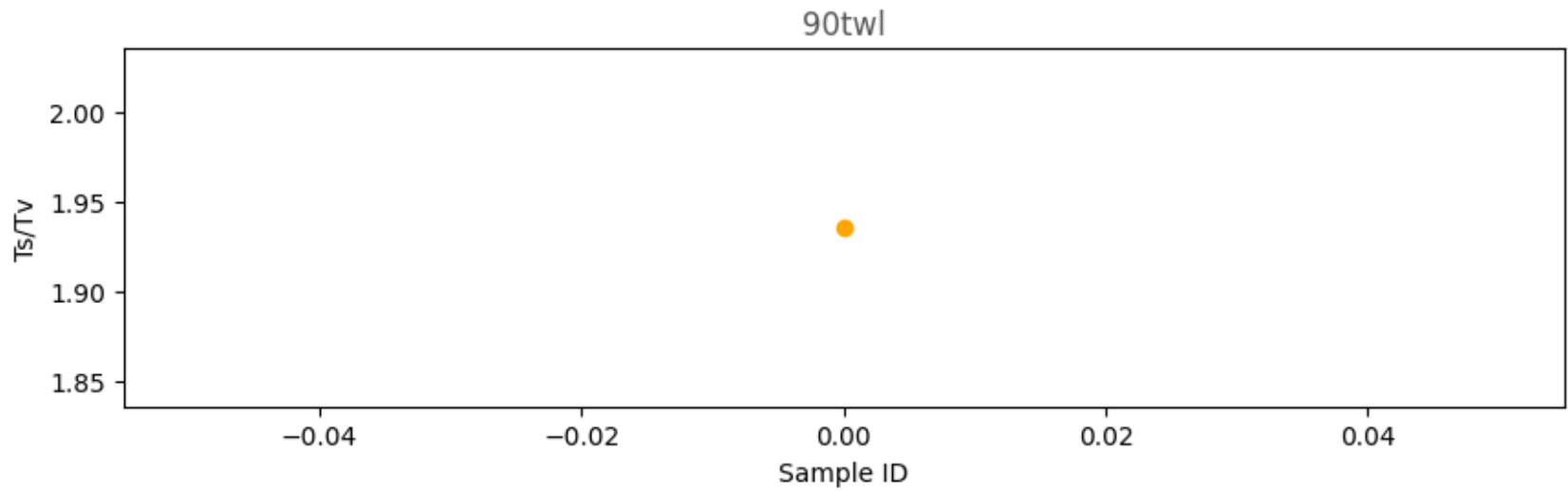
Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
90twl	4,061,222	1.94	1.94	946,012	–	0	0
* frameshift ratio: out/(out+in)							

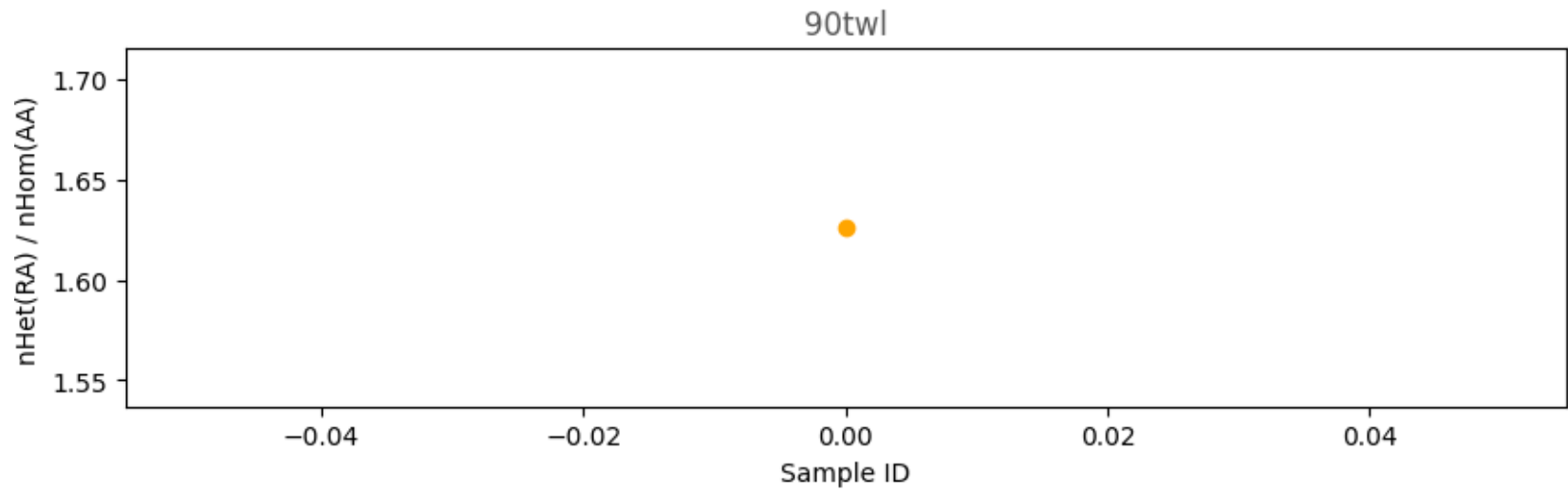
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
90twl	61.9%	1.91	66.5%	97,404	2,019

- 90twl .. /ngc/projects2/gm/data/archive/2022/variants/snv/90twleicm-103900624900-Normal_Blood_noinfo-WGS_v1_IlluminaDNAPCRFree_X-220812_A01176_AHNV7VDSX3-RHGM_LABKA_WGSA_KUT-WGSAKUT04785_22RKG019097x01_snv_germline_raw.haplotype_caller.vcf.gz

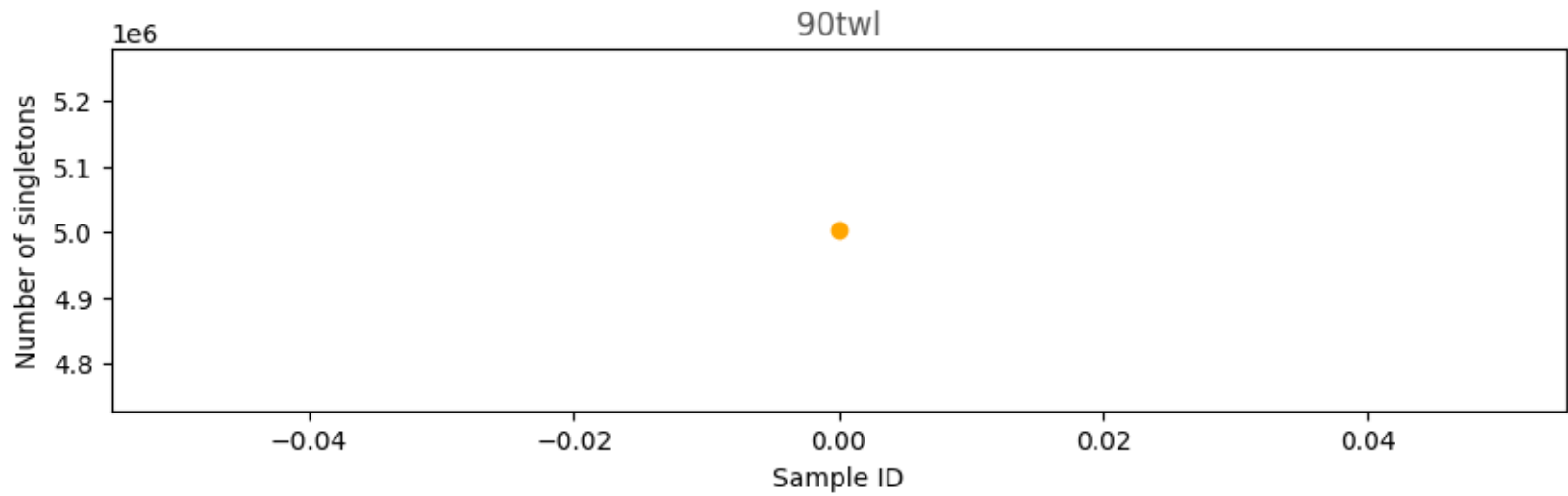
Ts/Tv by sample



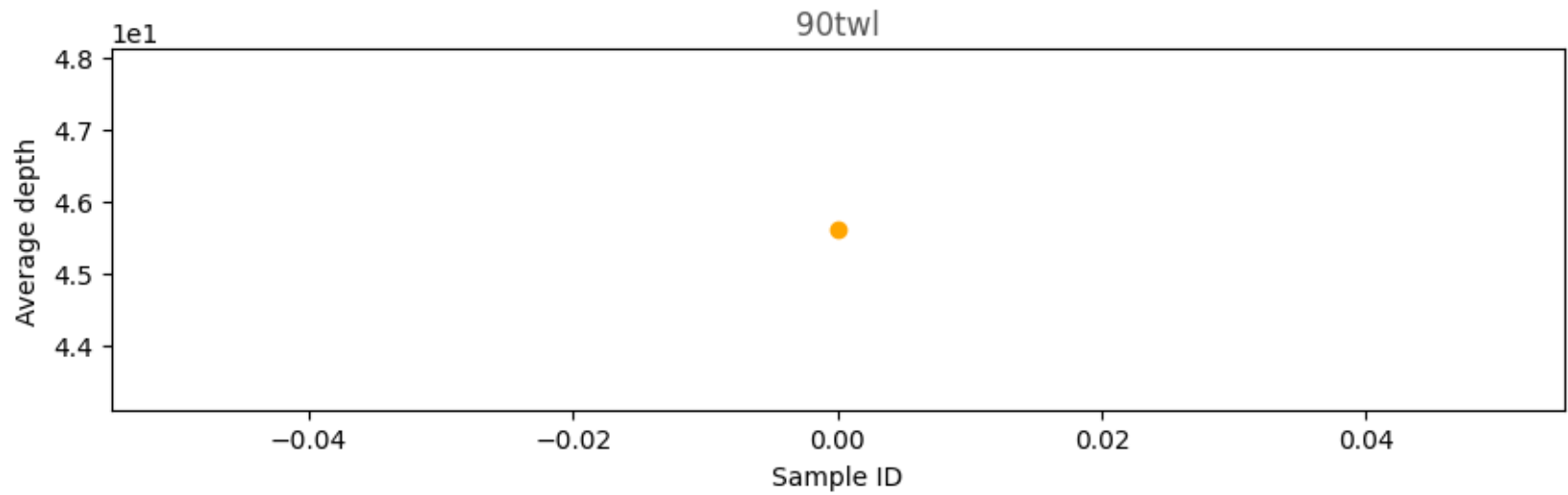
Hets vs non-ref Homs by sample



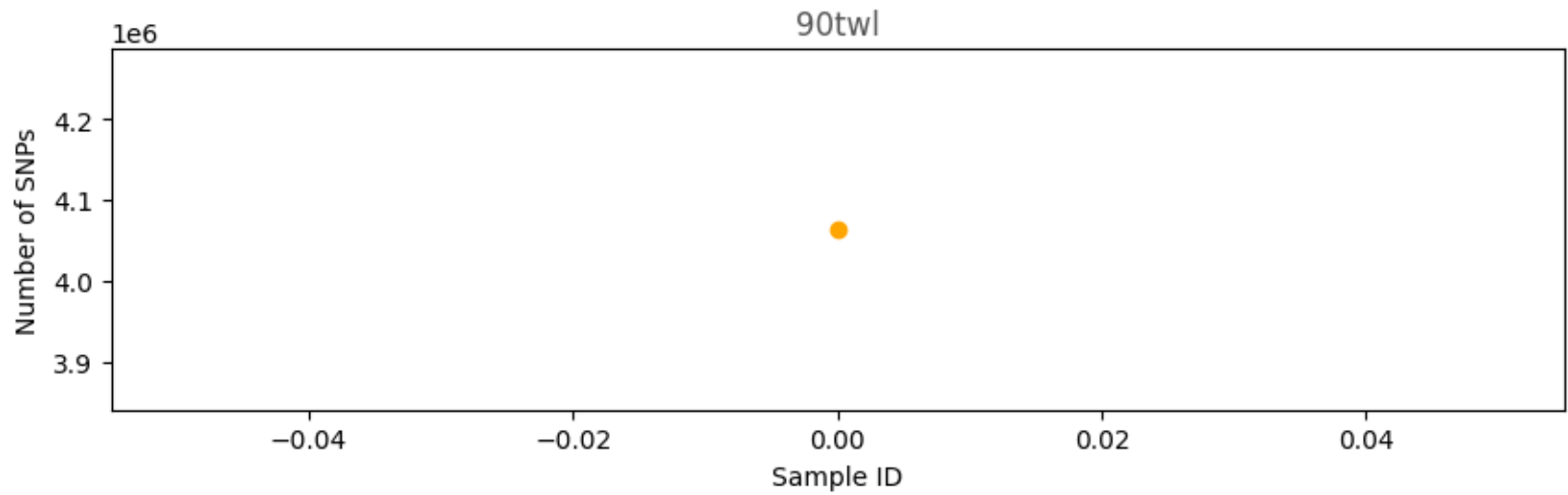
Singletons by sample (hets and homs)



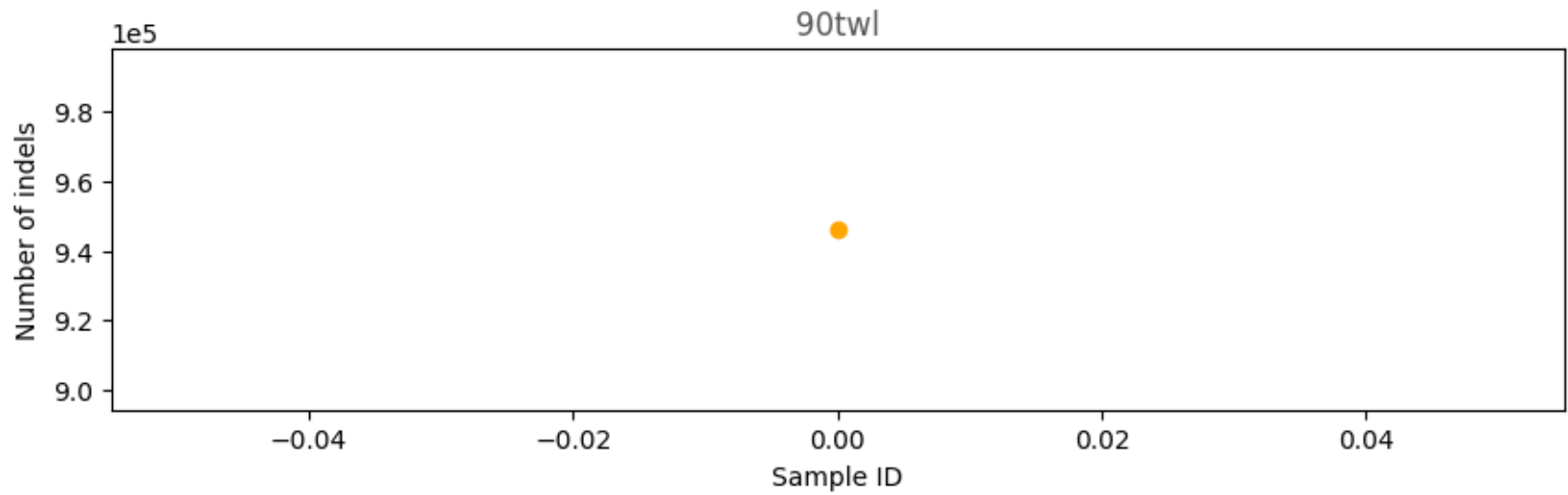
Average depth by sample



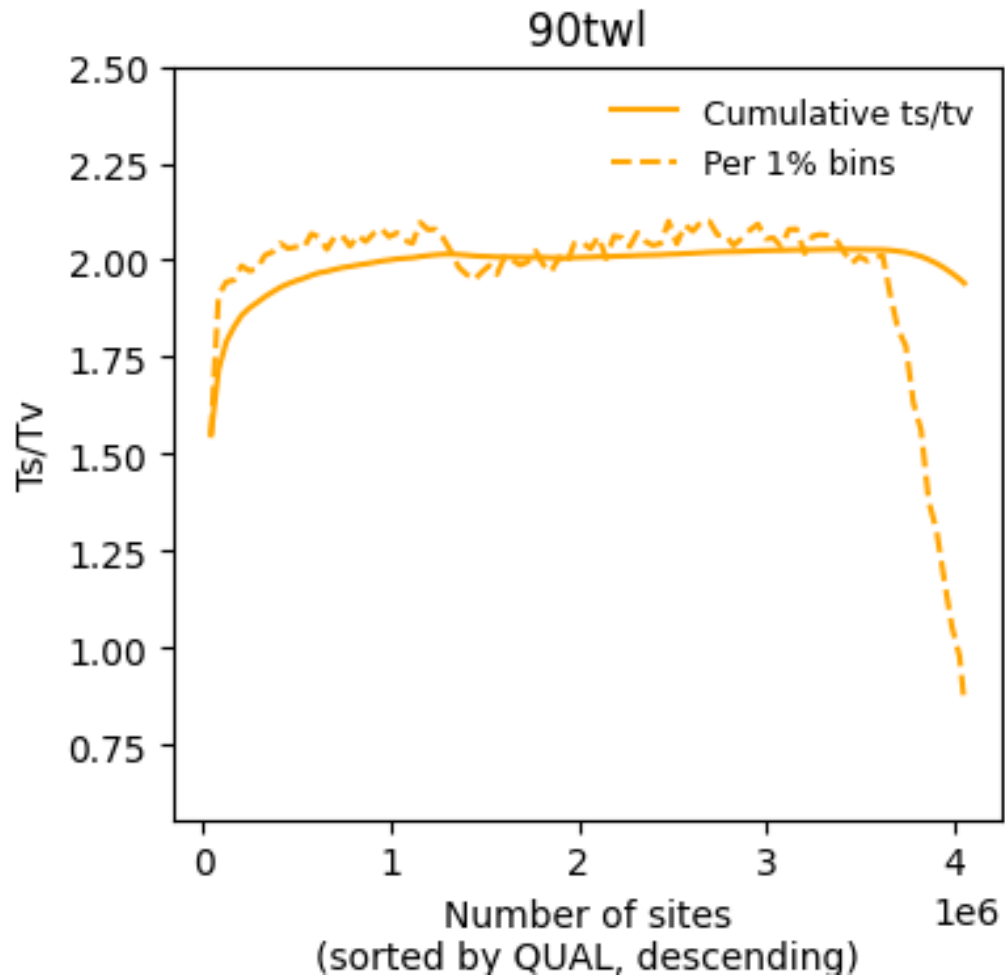
Number of SNPs by sample



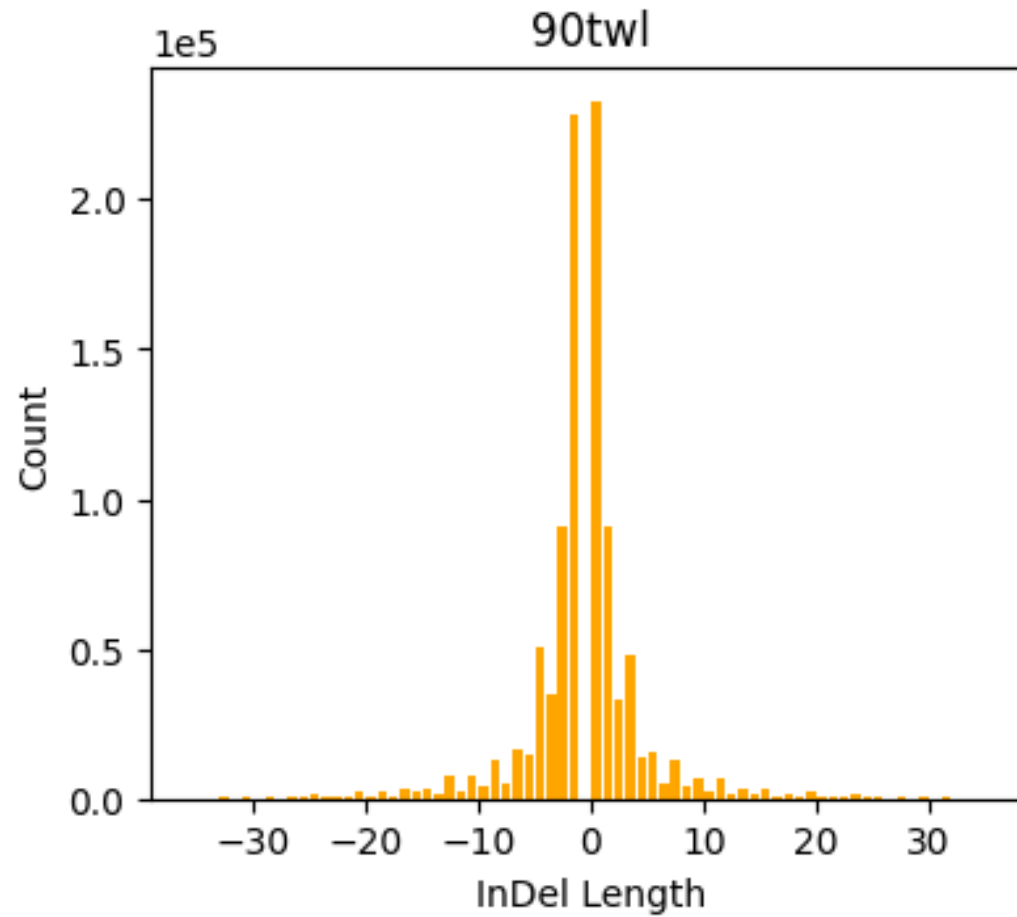
Number of indels by sample



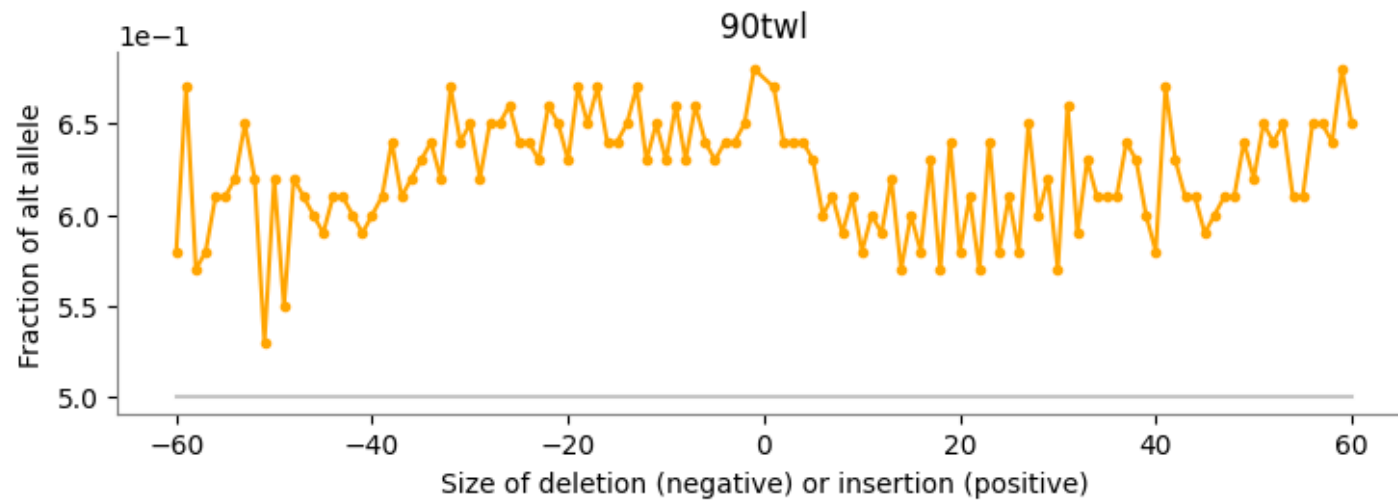
Ts/Tv stratified by QUAL



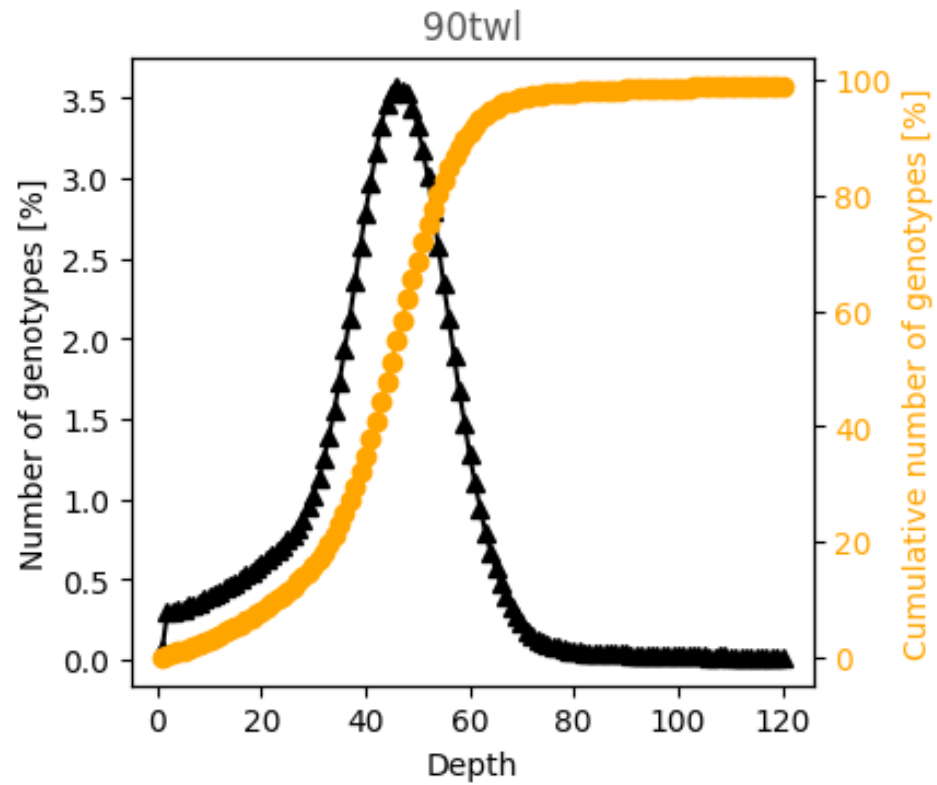
Indel distribution



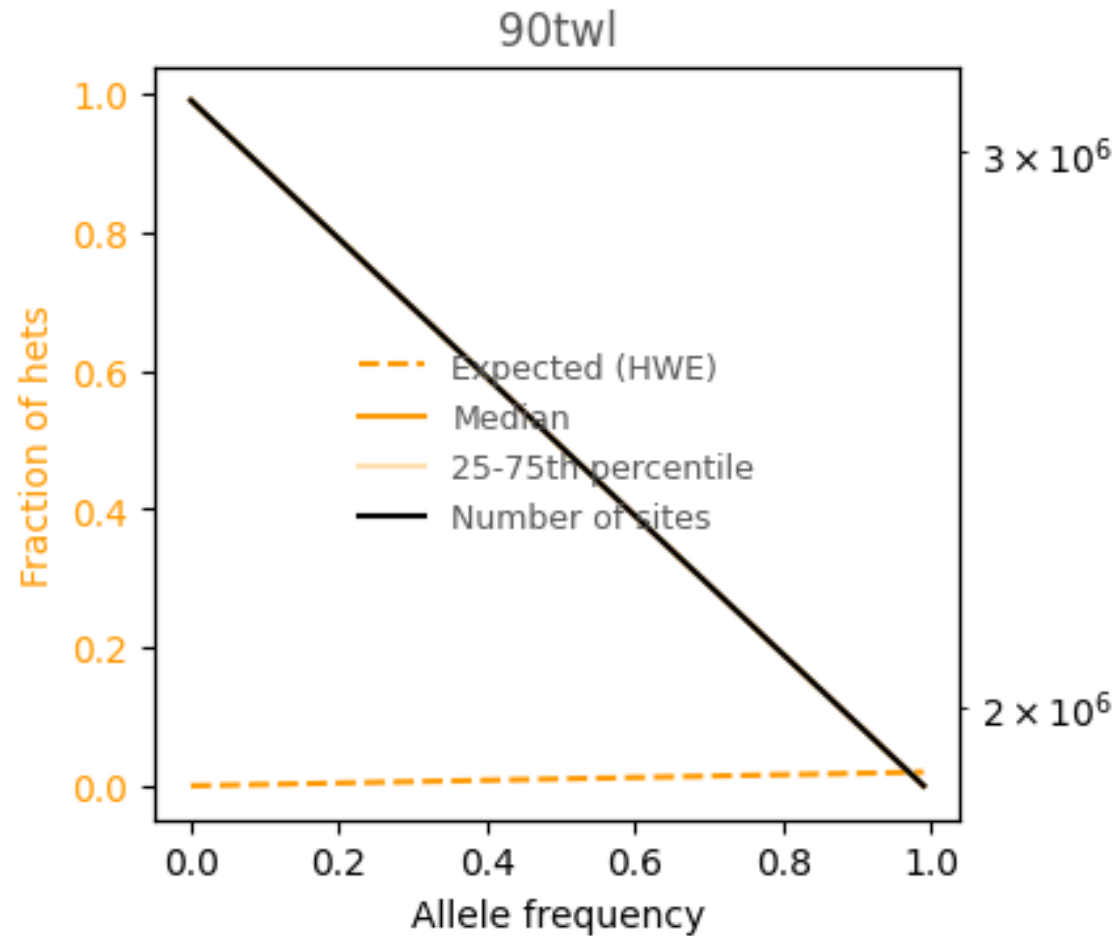
Fraction of alternate indel allele



Depth distribution



Number of HETs by AF



Substitution types

