

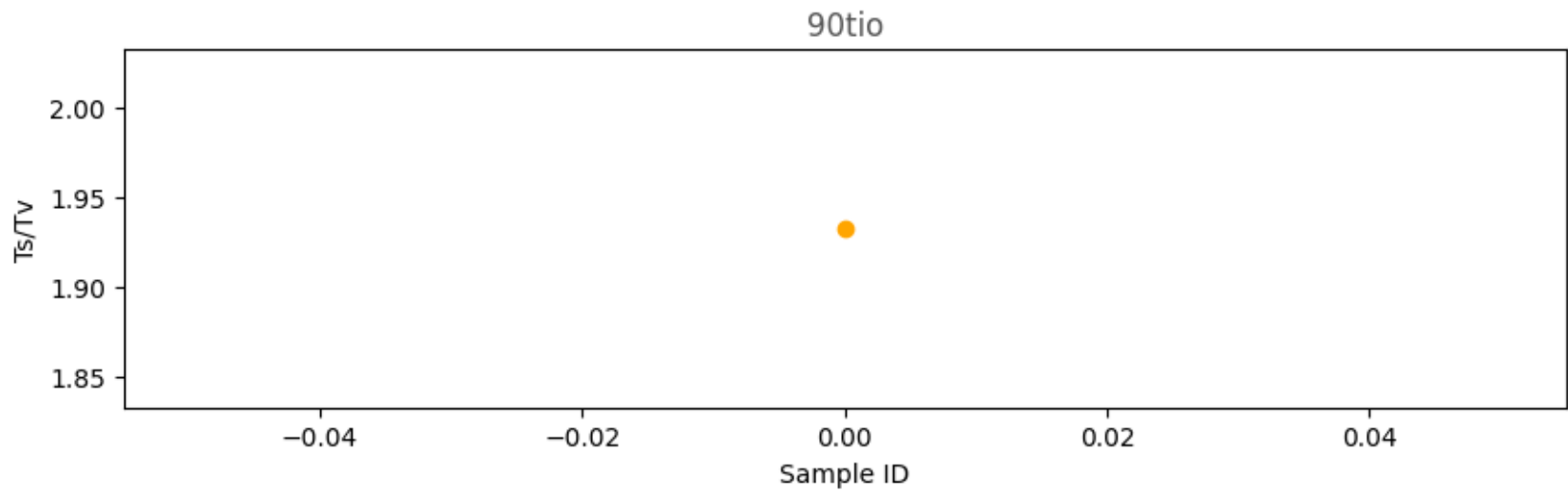
Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
90tio	4,102,738	1.93	1.94	957,235	–	0	0
* frameshift ratio: out/(out+in)							

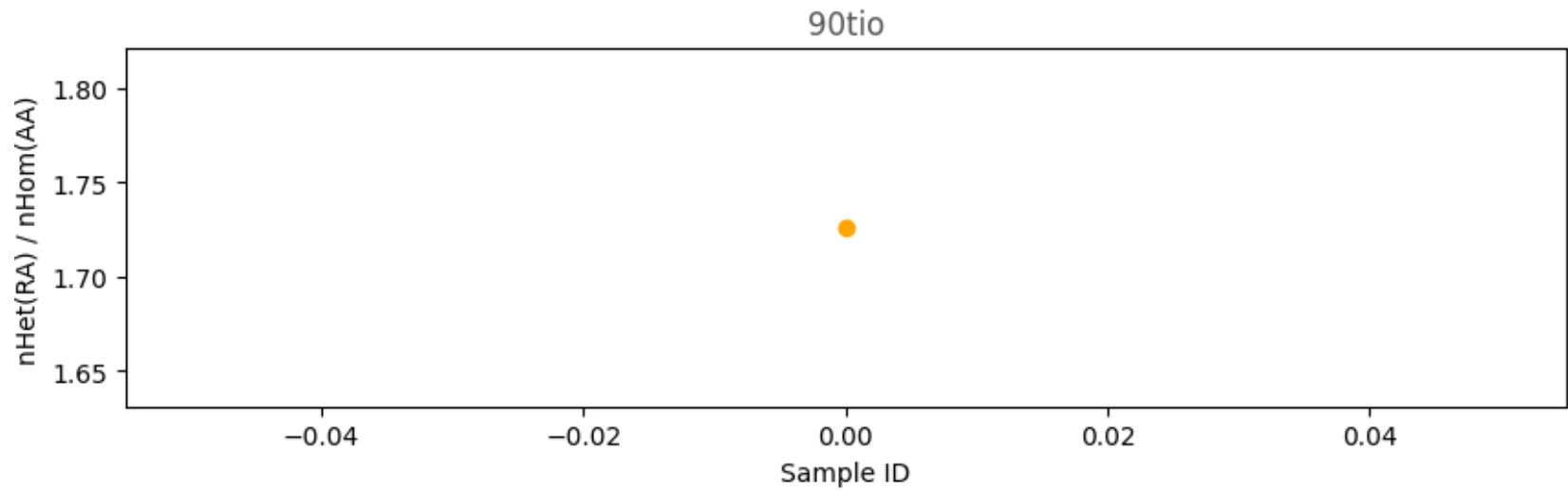
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
90tio	63.3%	1.90	68.4%	101,764	2,150

- 90tio .. /ngc/projects2/gm/data/archive/2022/variants/snv/90tiontif-103909053379-Normal_Blood_noinfo-WGS_v1_IlluminaDNAPCRFree_RHGM01394-220912_A01961_AHYT5NDSX3-EXT_LAB_KA_NGCWGS-NGCWGS05159_22RKG019029_snv_germline_raw.haplotype_caller.vcf.gz

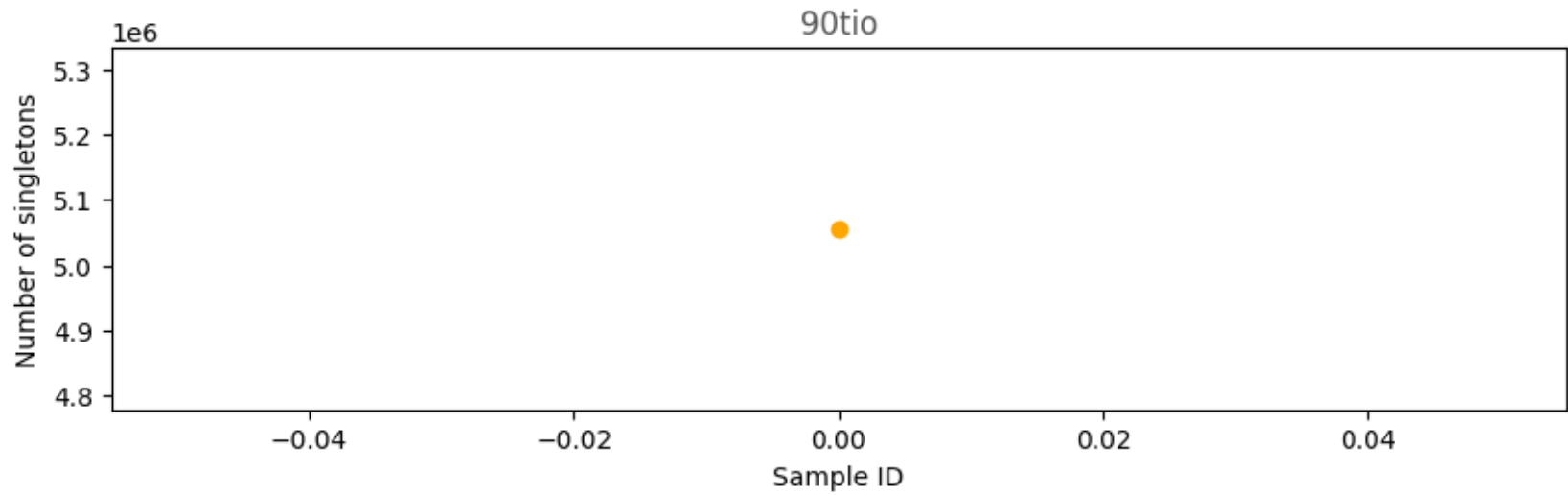
Ts/Tv by sample



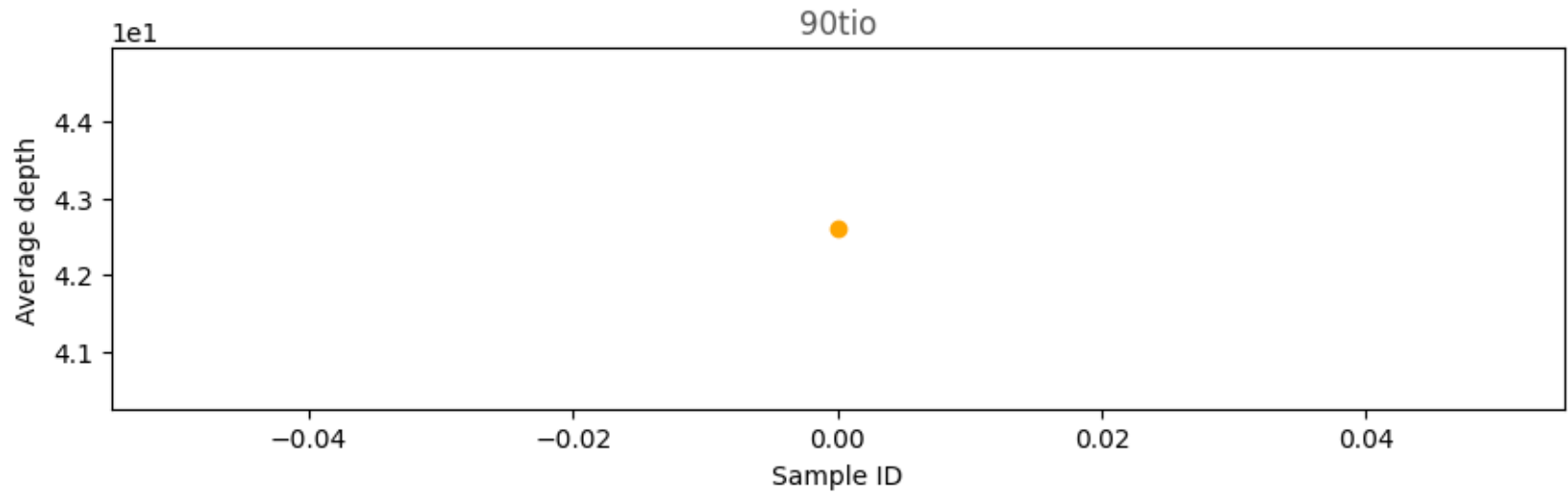
Hets vs non-ref Homs by sample



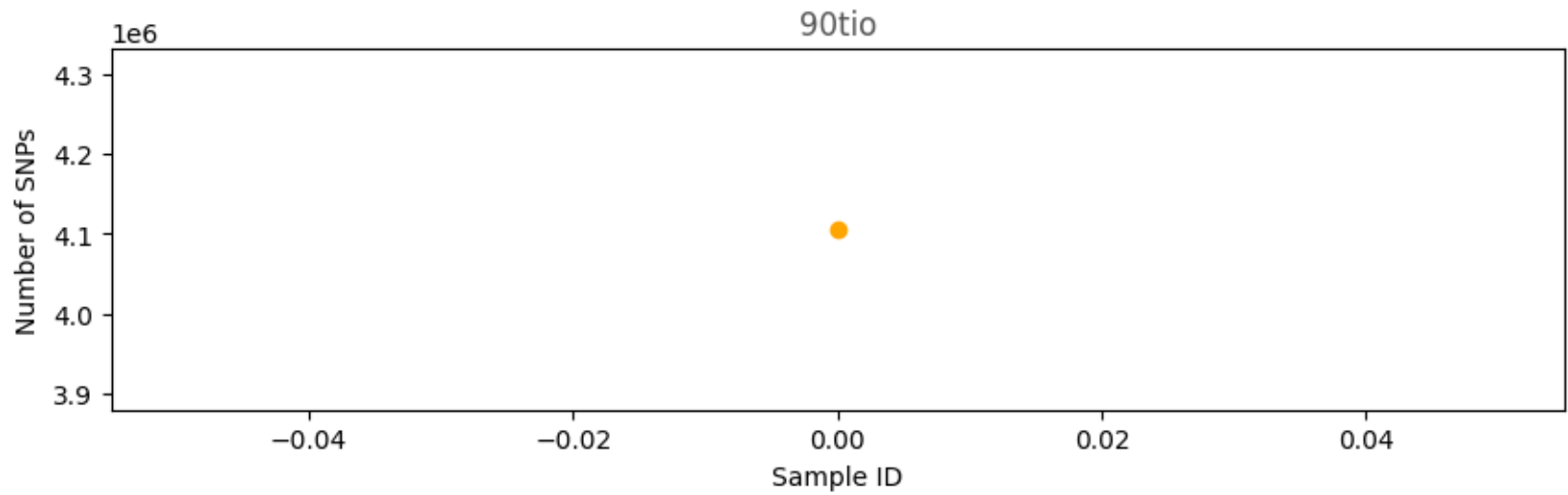
Singletons by sample (hets and homs)



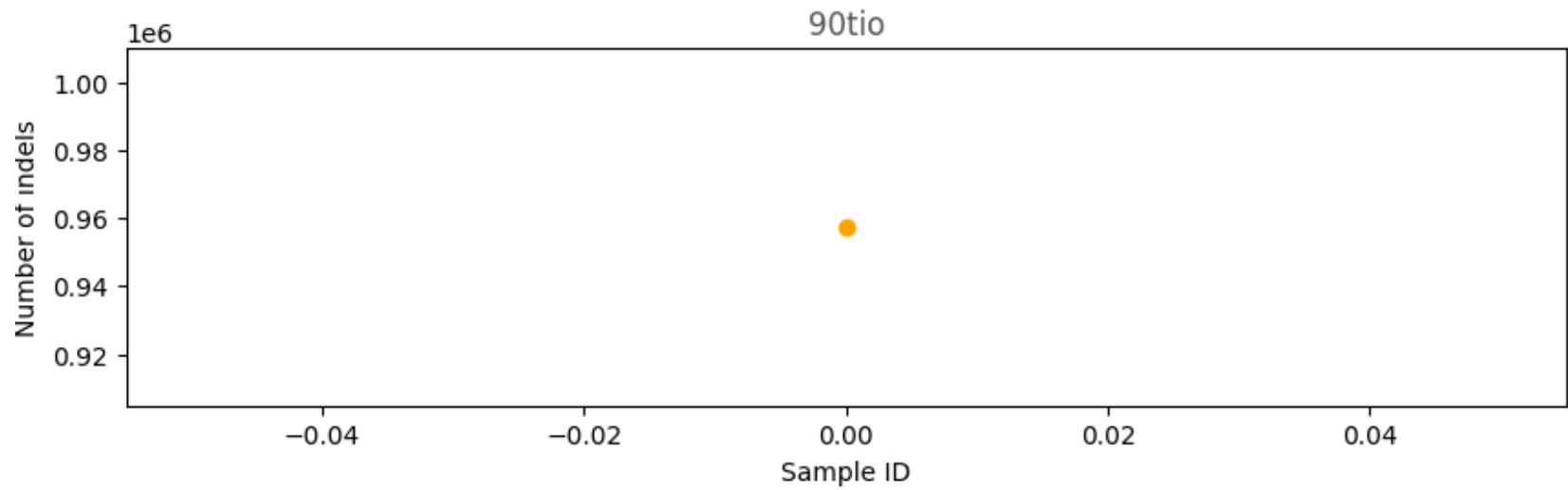
Average depth by sample



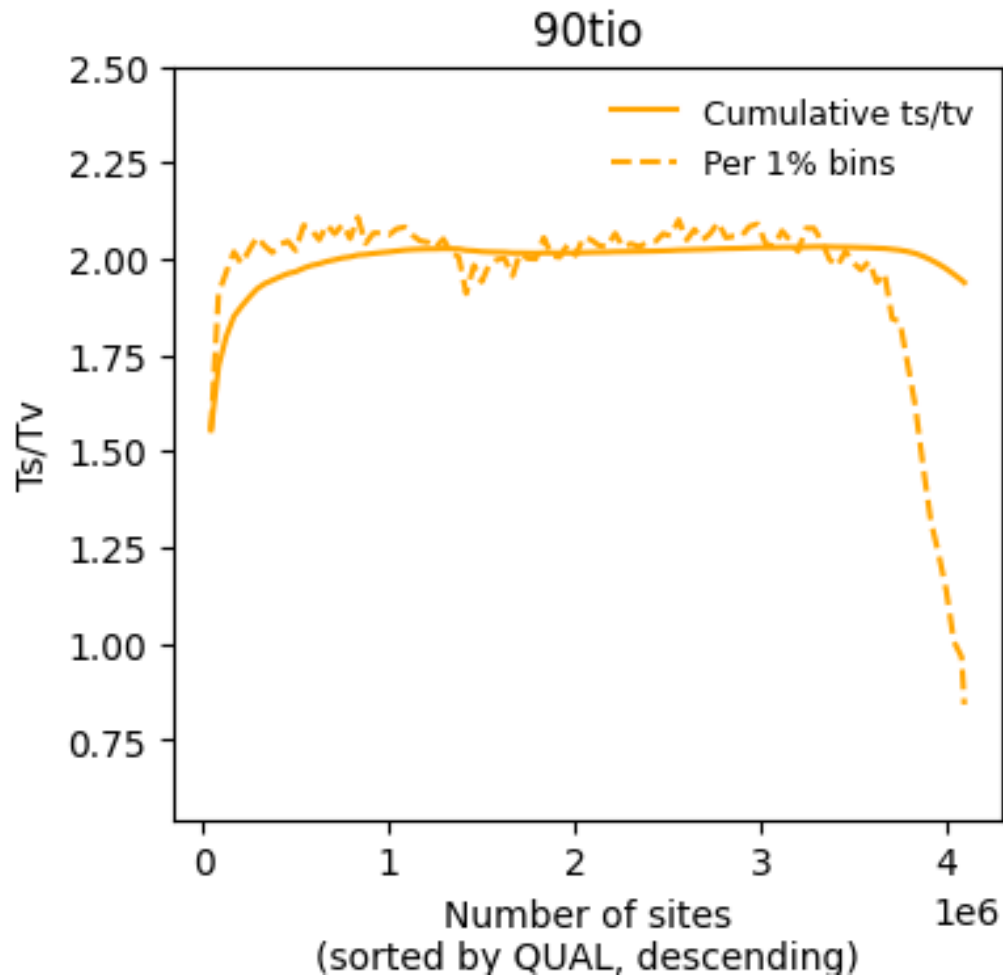
Number of SNPs by sample



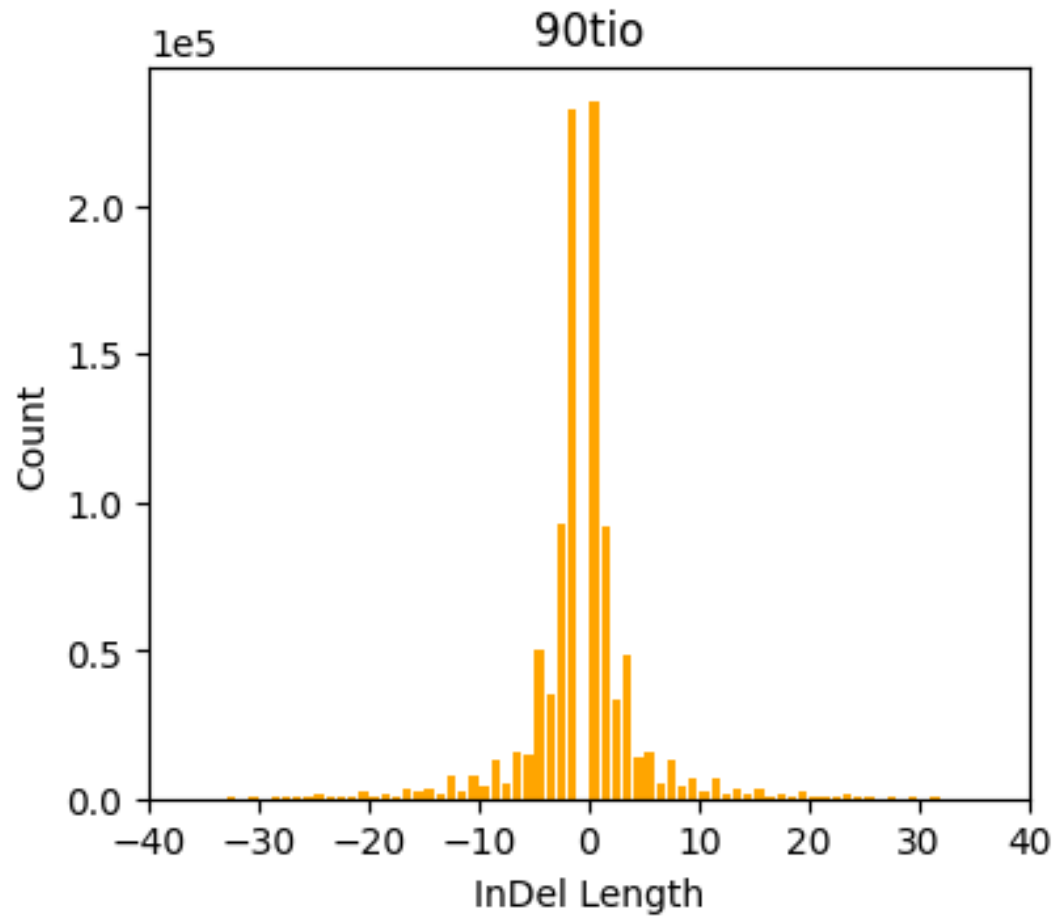
Number of indels by sample



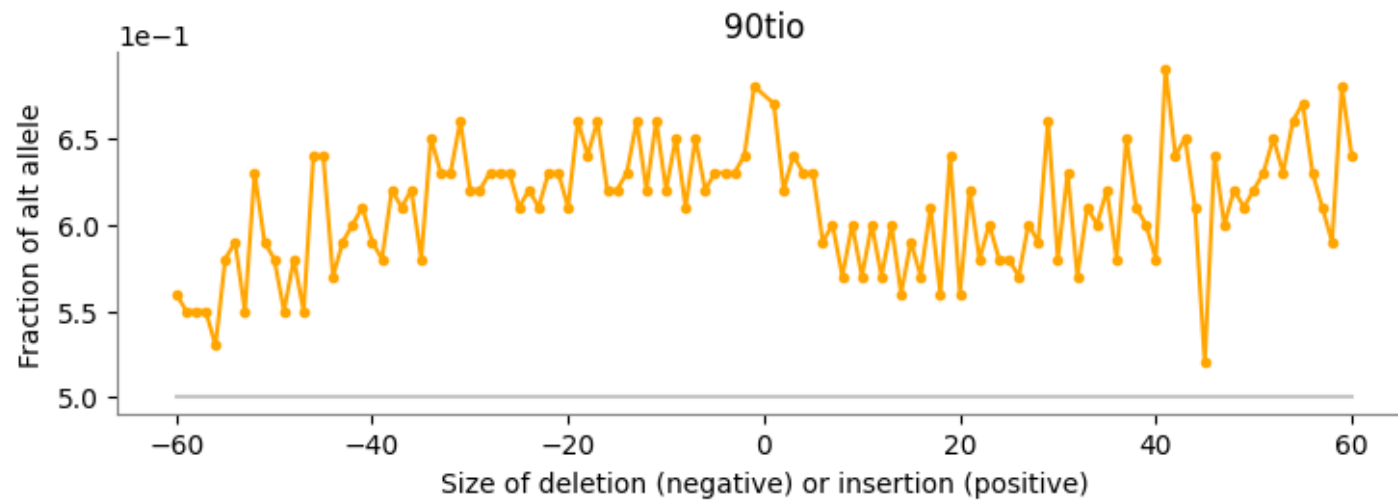
Ts/Tv stratified by QUAL



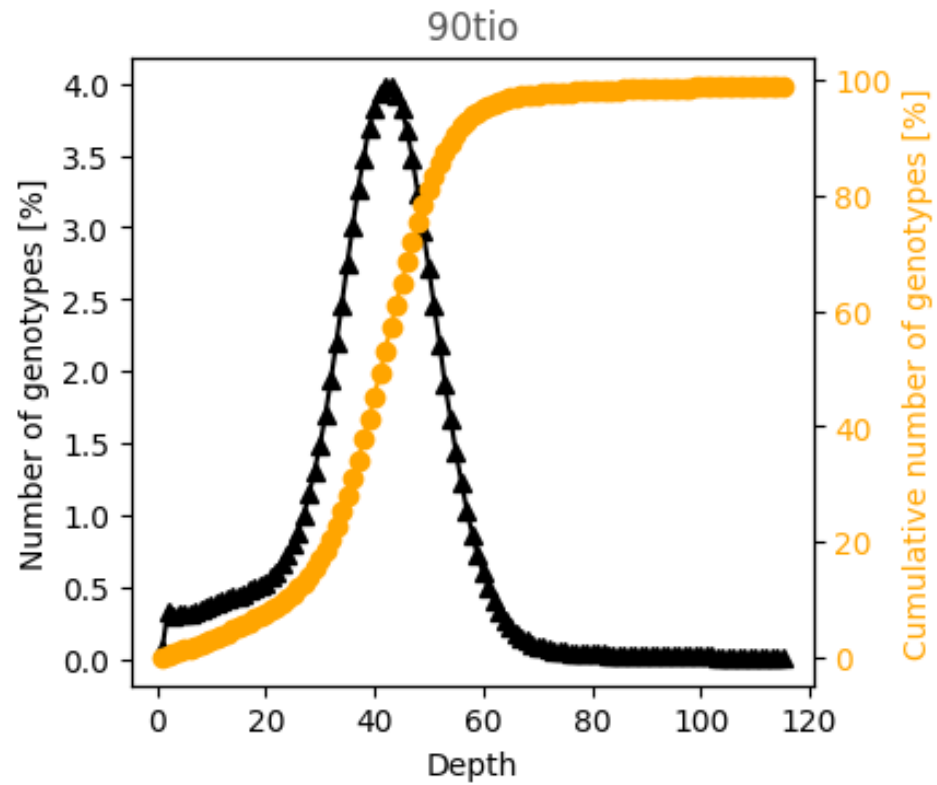
Indel distribution



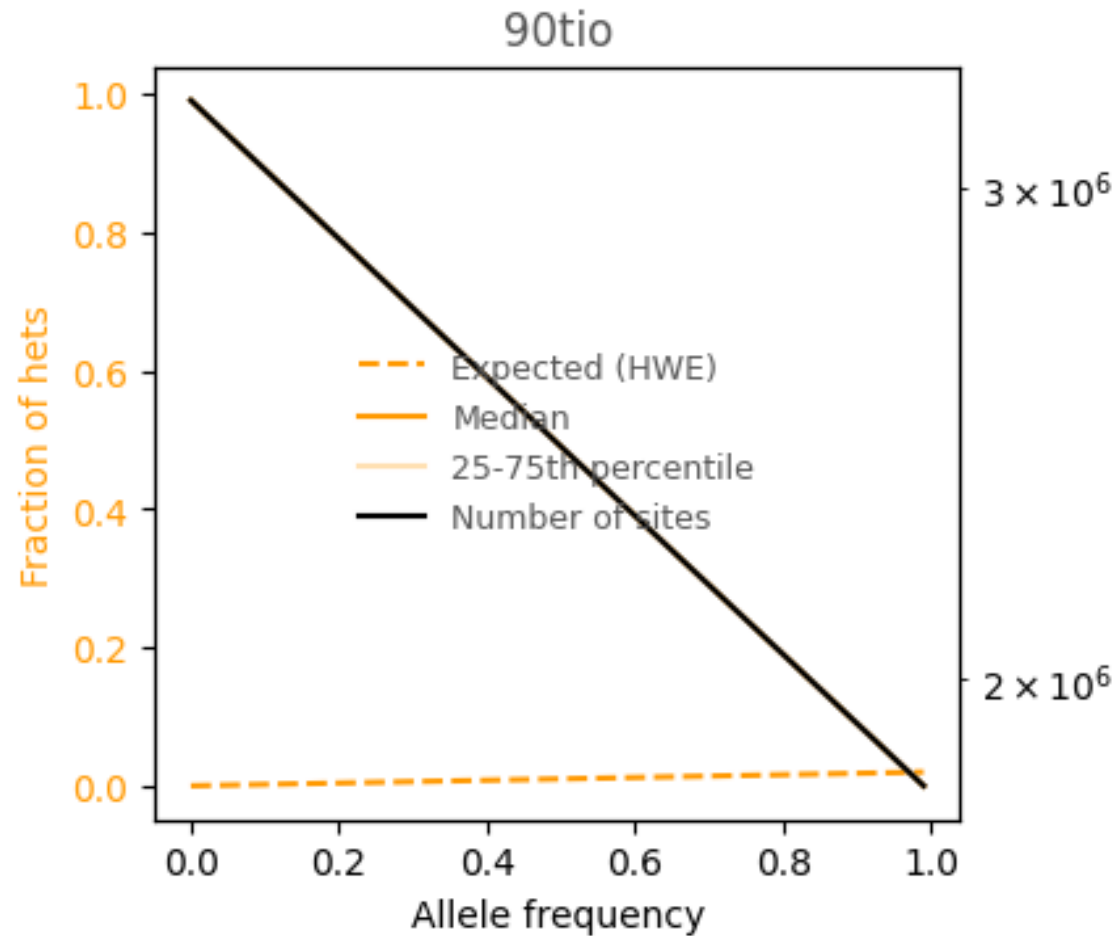
Fraction of alternate indel allele



Depth distribution



Number of HETs by AF



Substitution types

