

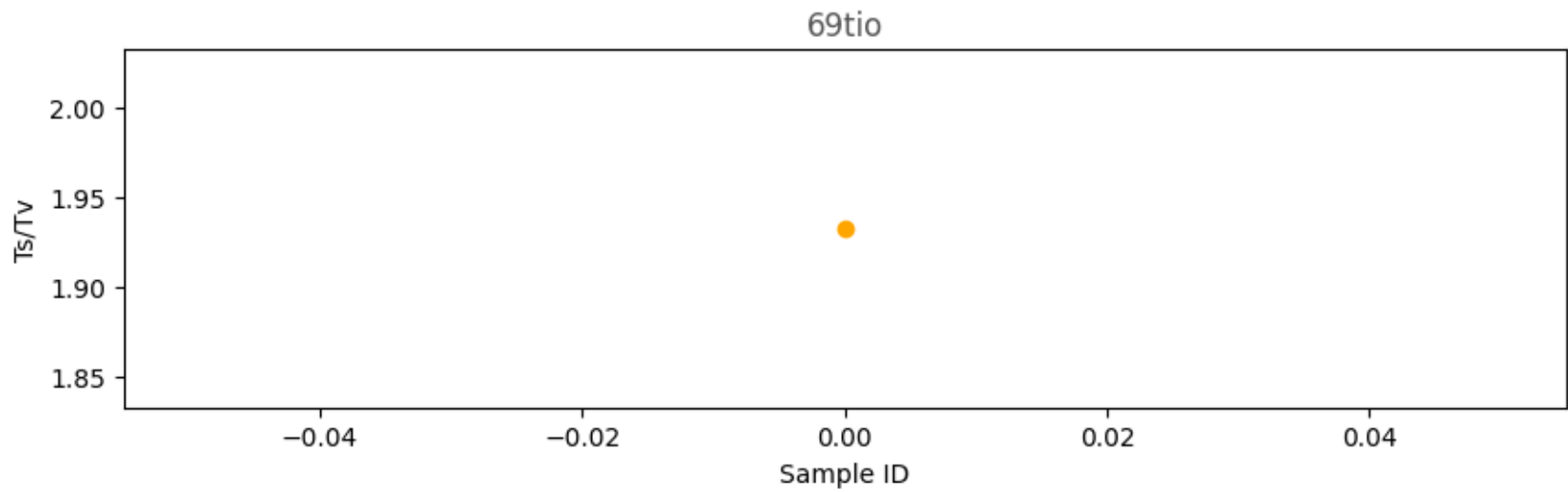
Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
69tio	4,047,905	1.93	1.94	946,516	–	0	0
* frameshift ratio: out/(out+in)							

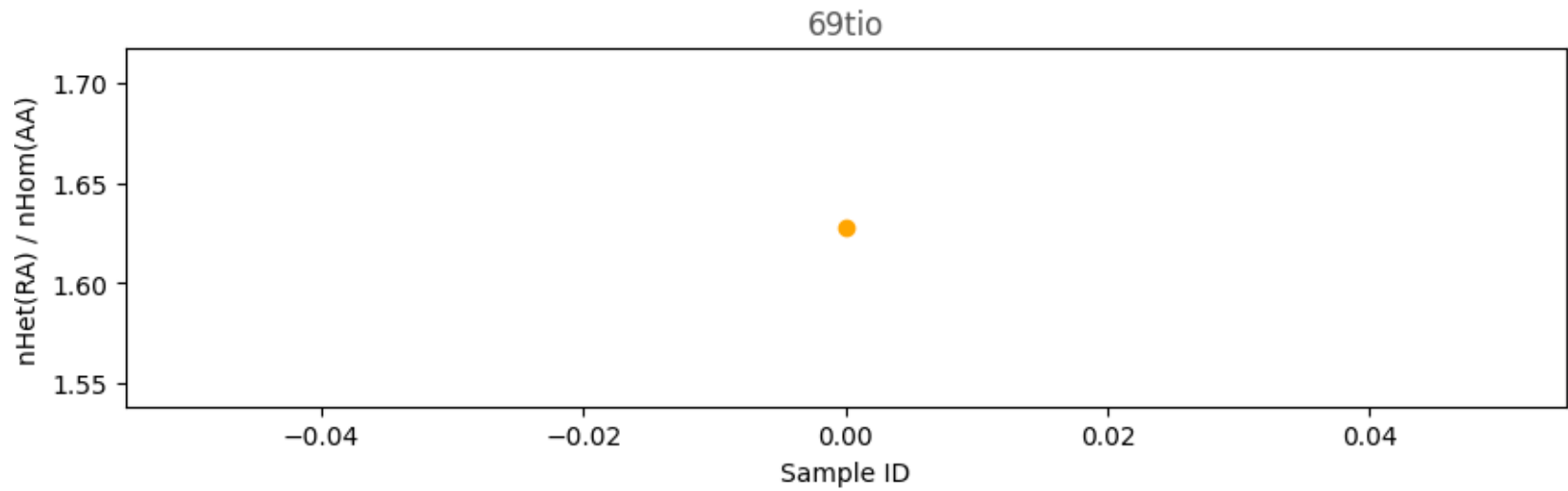
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
69tio	62.0%	1.90	66.7%	99,435	2,083

- 69tio .. /ngc/projects2/gm/data/archive/2022/variants/snv/69tionoum-103854316393-Normal_Blood_noinfo-WGS_v1_IlluminaDNAPCRFree_RHGM00688-220407_A01176_AH5VKYDSX3-EXT_LAB_KA_NGCWGS-NGCWGS04090_22RKG003029x01_snv_germline_raw.haplotype_caller.vcf.gz

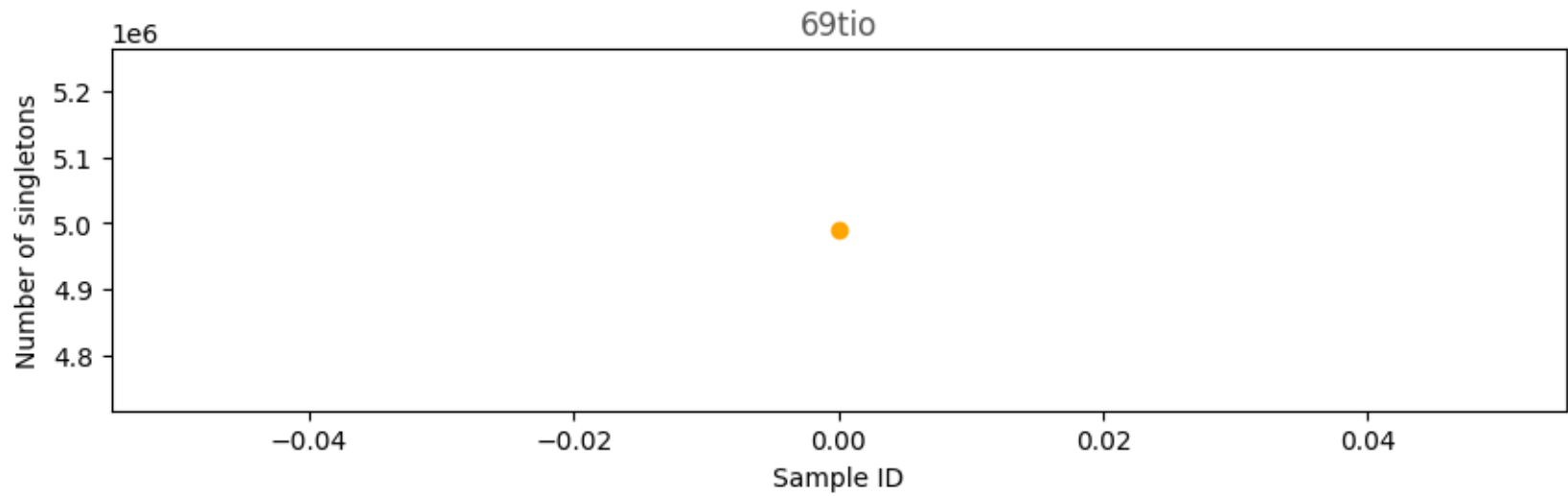
Ts/Tv by sample



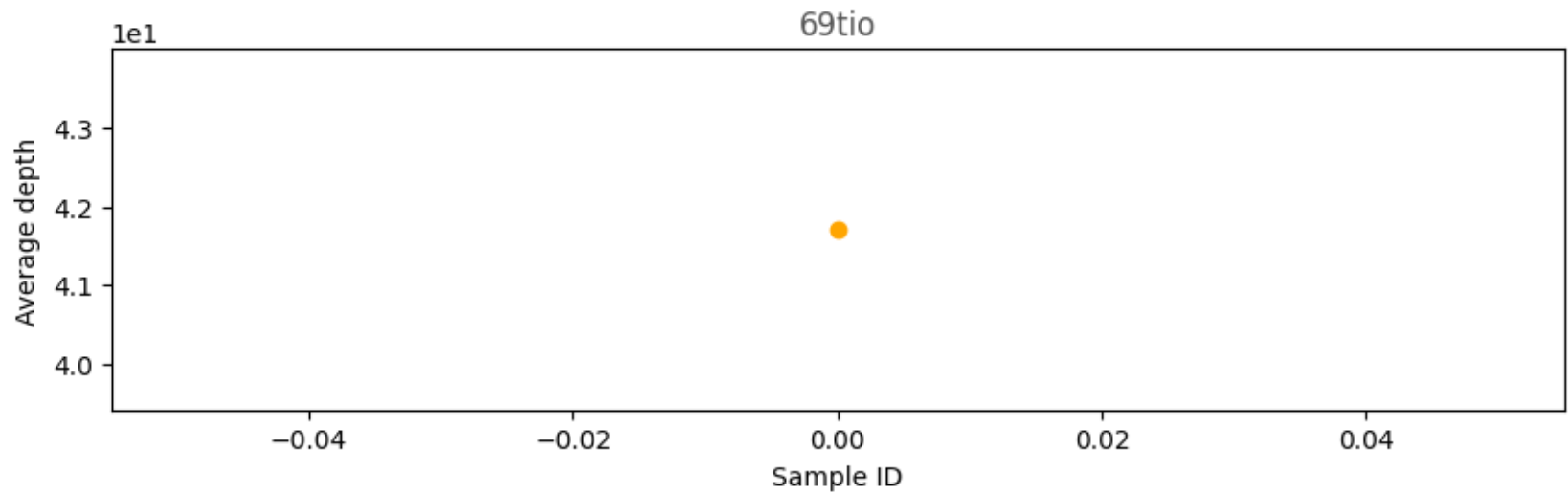
Hets vs non-ref Homs by sample



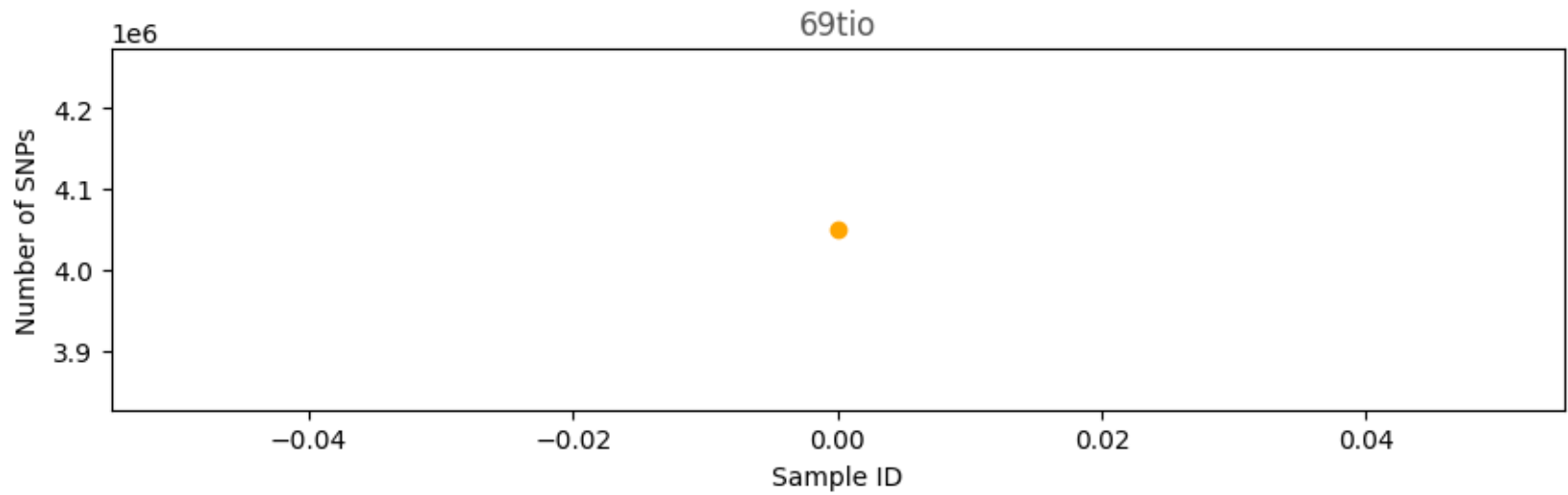
Singletons by sample (hets and homs)



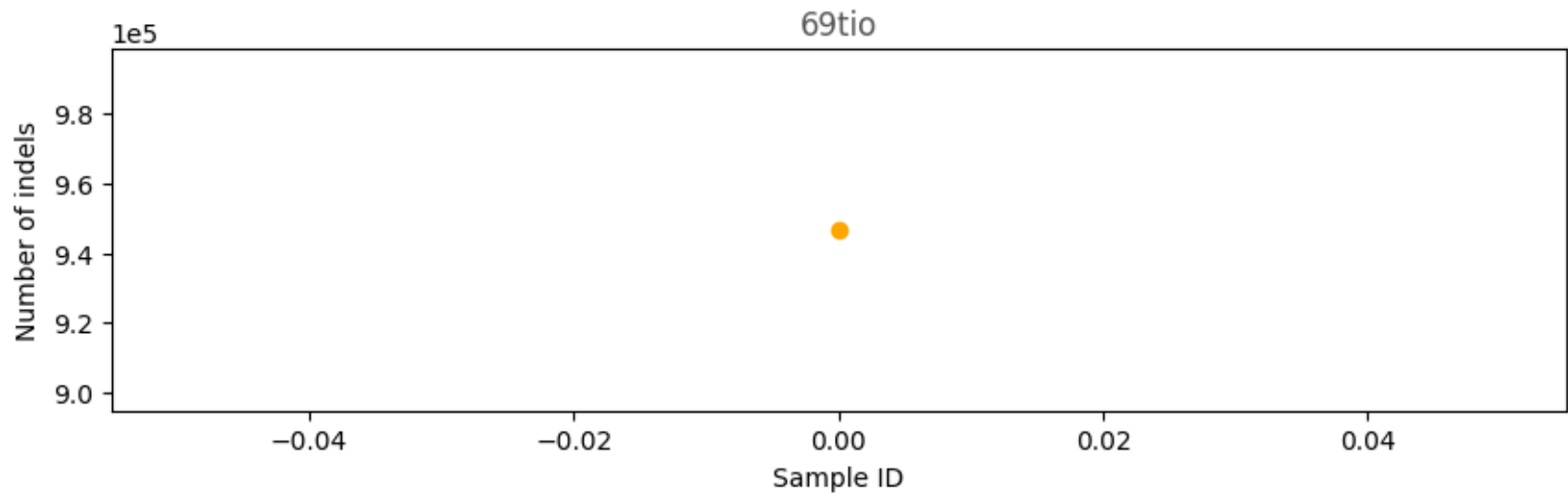
Average depth by sample



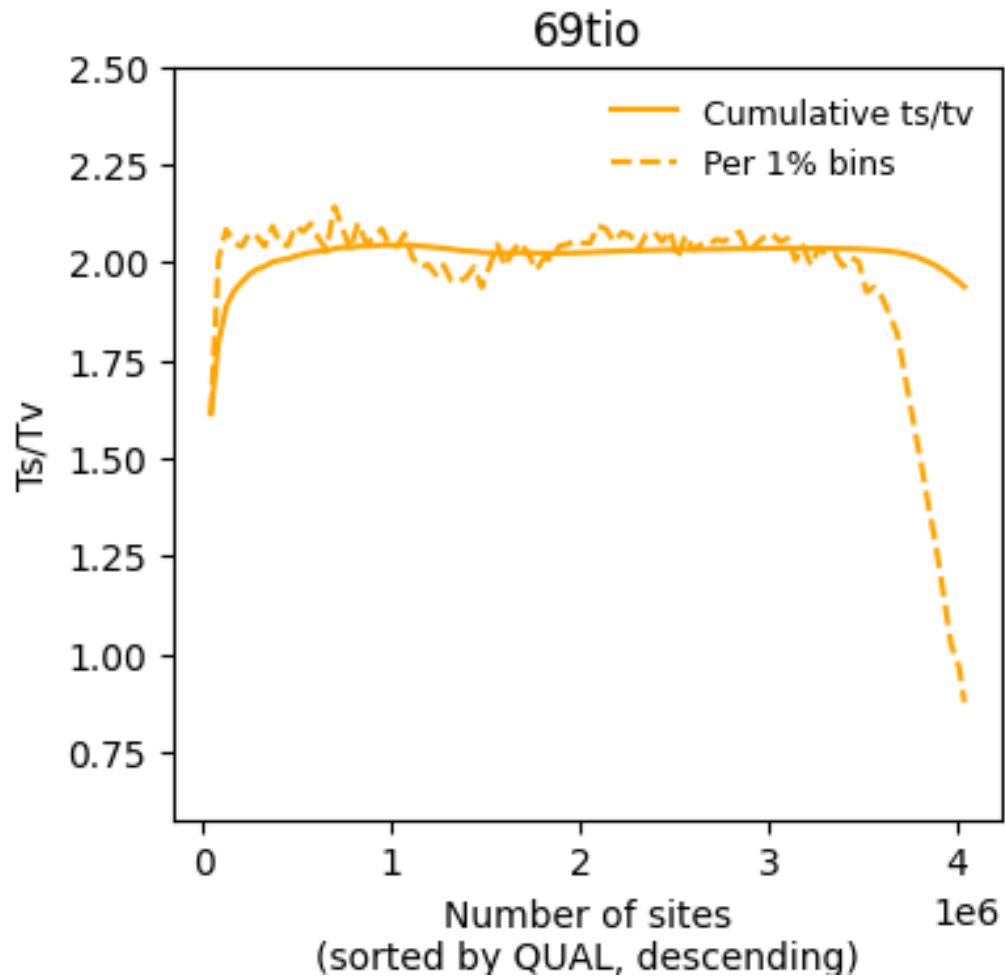
Number of SNPs by sample



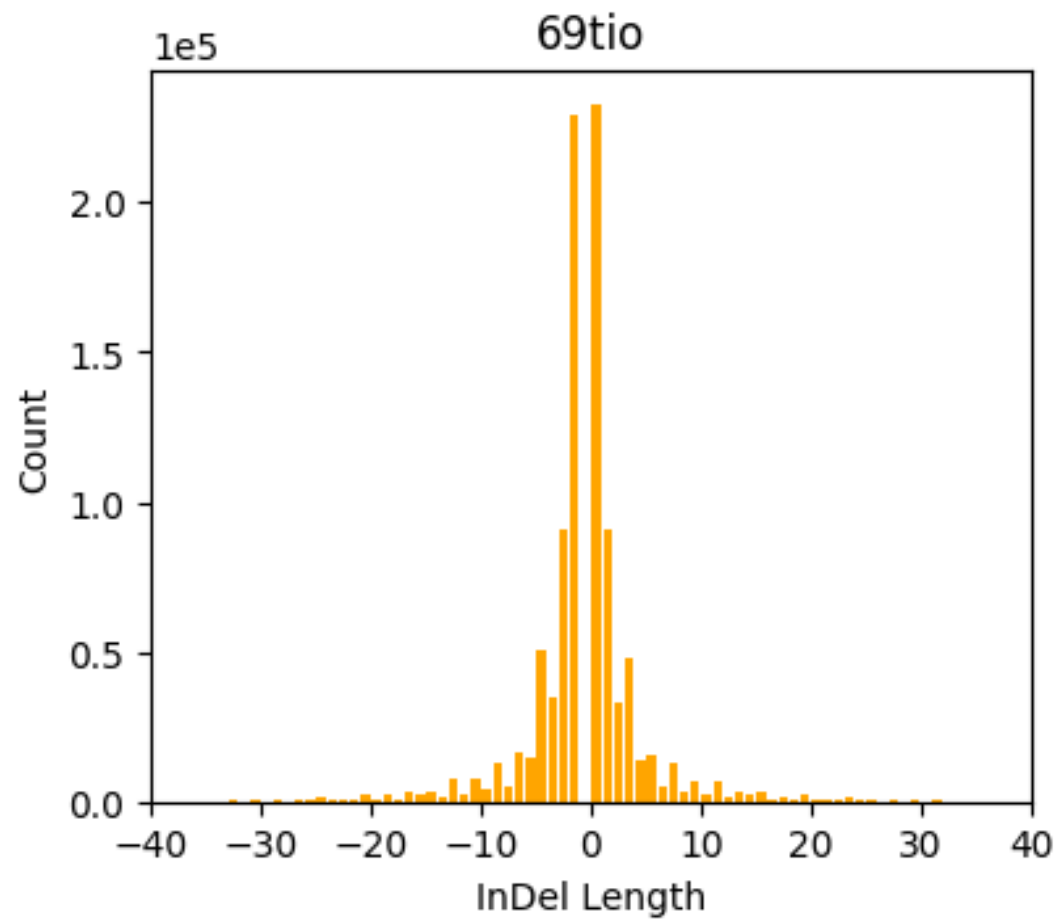
Number of indels by sample



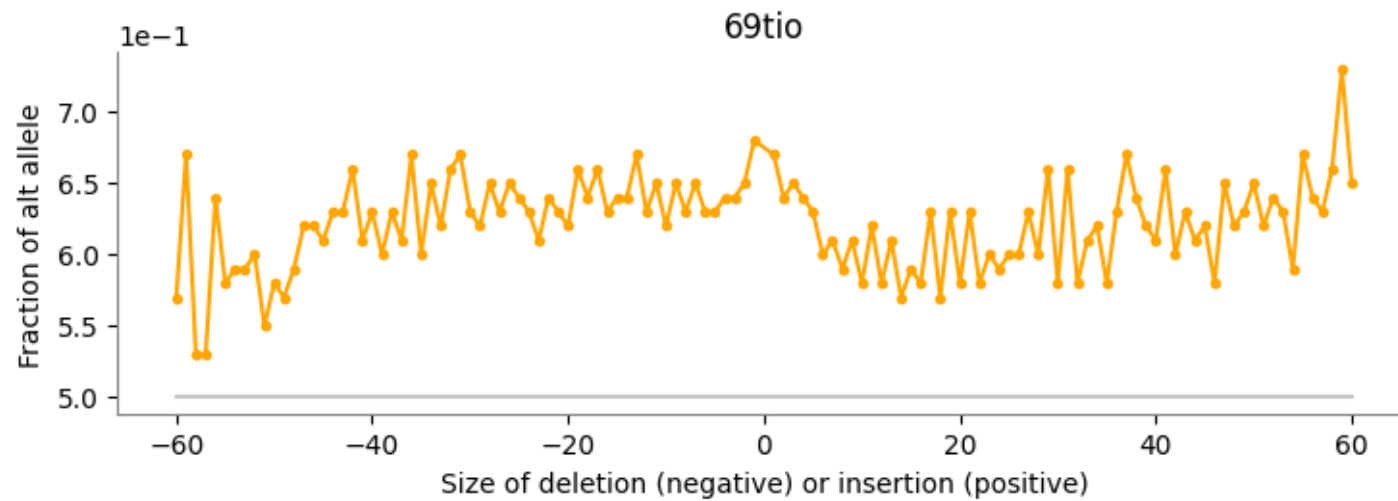
Ts/Tv stratified by QUAL



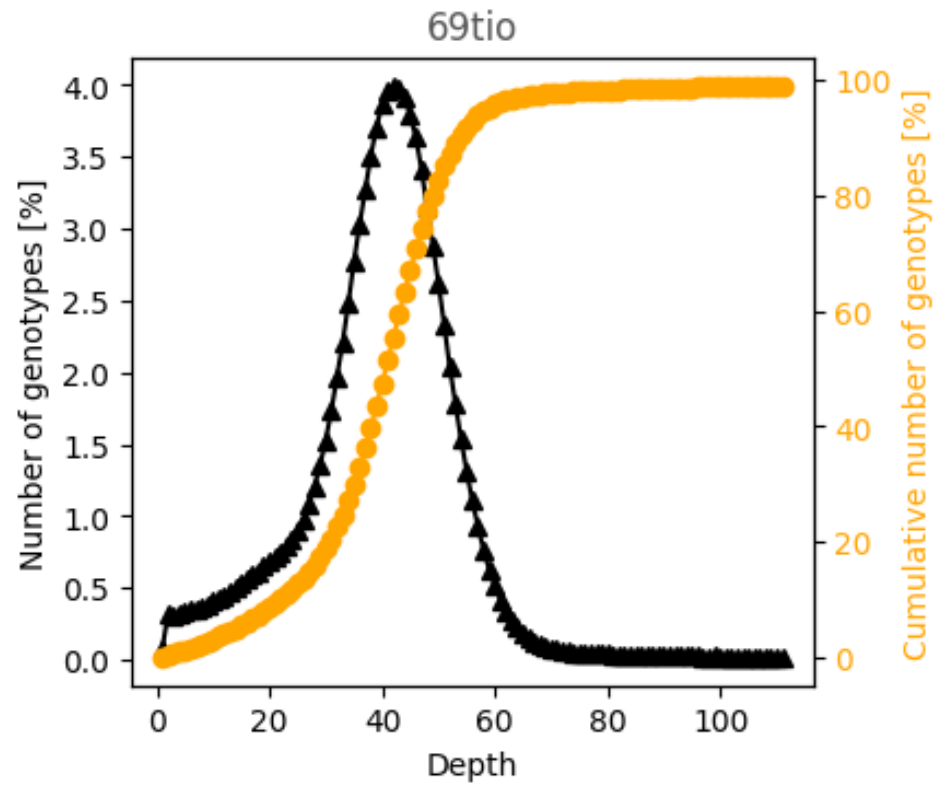
Indel distribution



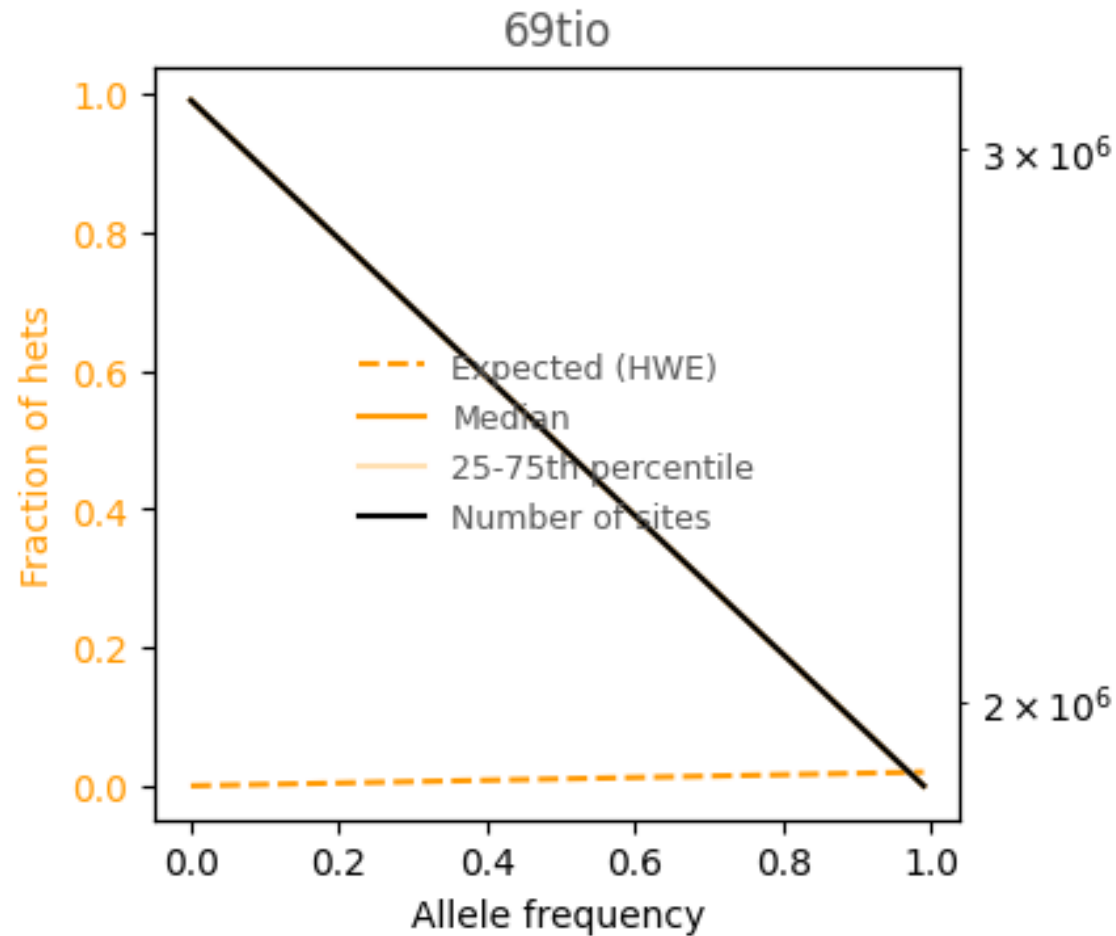
Fraction of alternate indel allele



Depth distribution



Number of HETs by AF



Substitution types

