

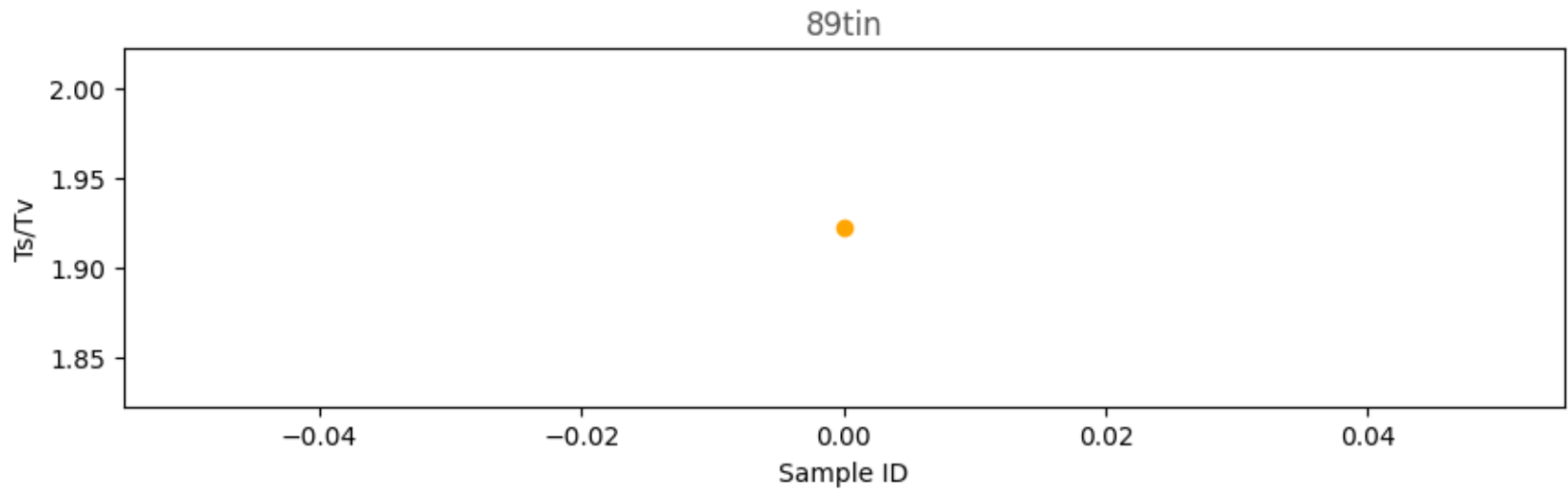
Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
89tin	4,129,138	1.92	1.93	963,365	–	0	0
* frameshift ratio: out/(out+in)							

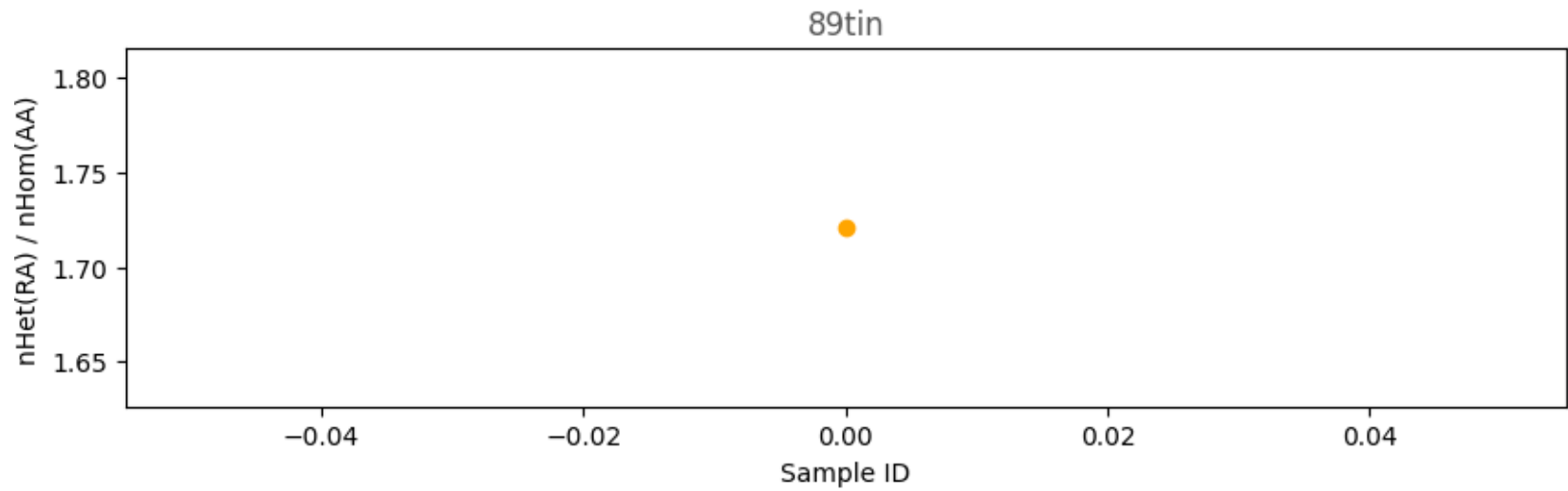
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
89tin	63.3%	1.89	68.4%	104,555	2,077

- 89tin .. /ngc/projects2/gm/data/archive/2022/variants/snv/89tindref-110294372370-Normal_B
 lood_noinfo-WGS_v1_IlluminaDNAPCRFree_RHGM02007-221021_A01411_AH3MJYDSX5-EXT_LAB
 KA_NGCWGS-NGCWGS05880_22RKG024219_snv_germline_raw.haplotype_caller.vcf.gz

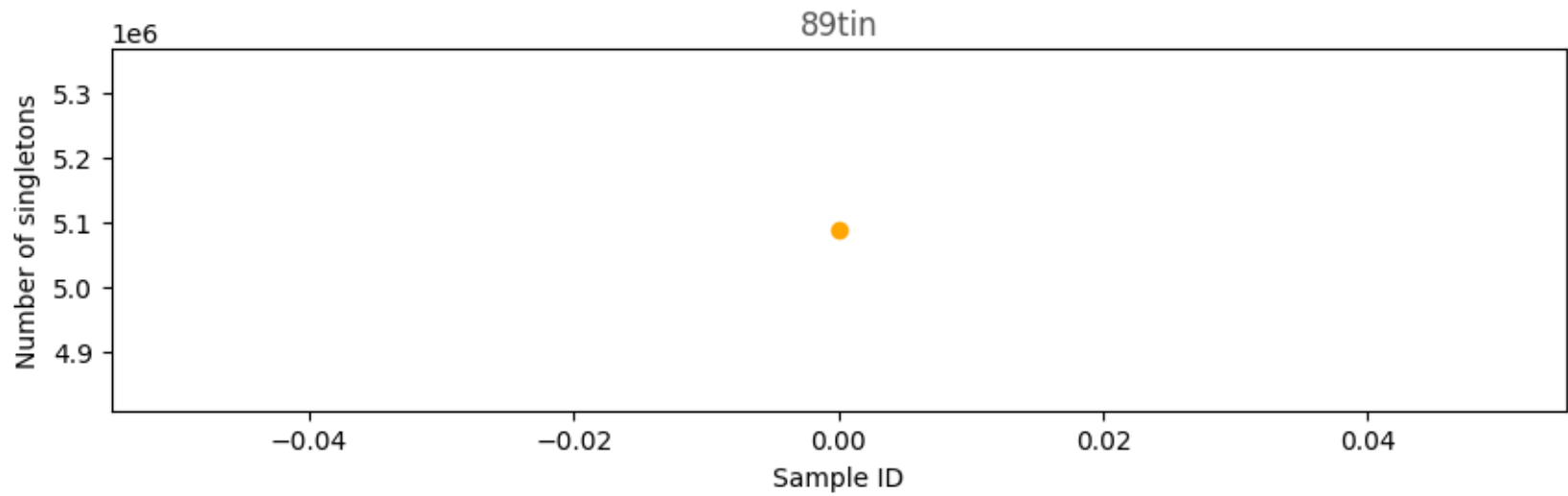
Ts/Tv by sample



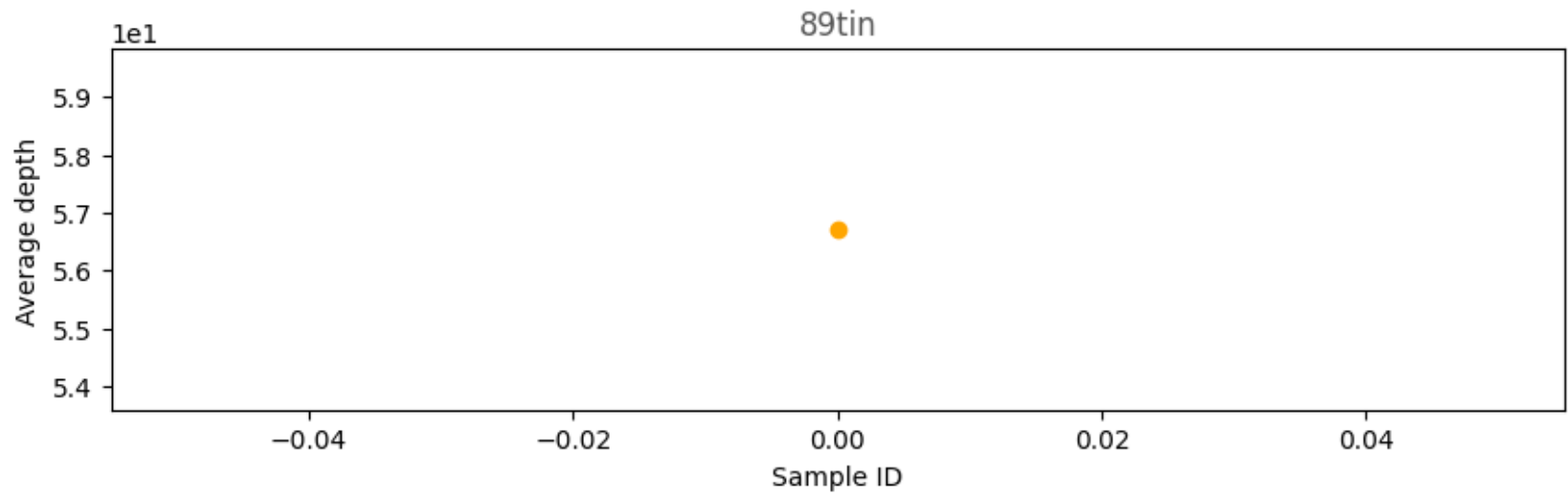
Hets vs non-ref Homs by sample



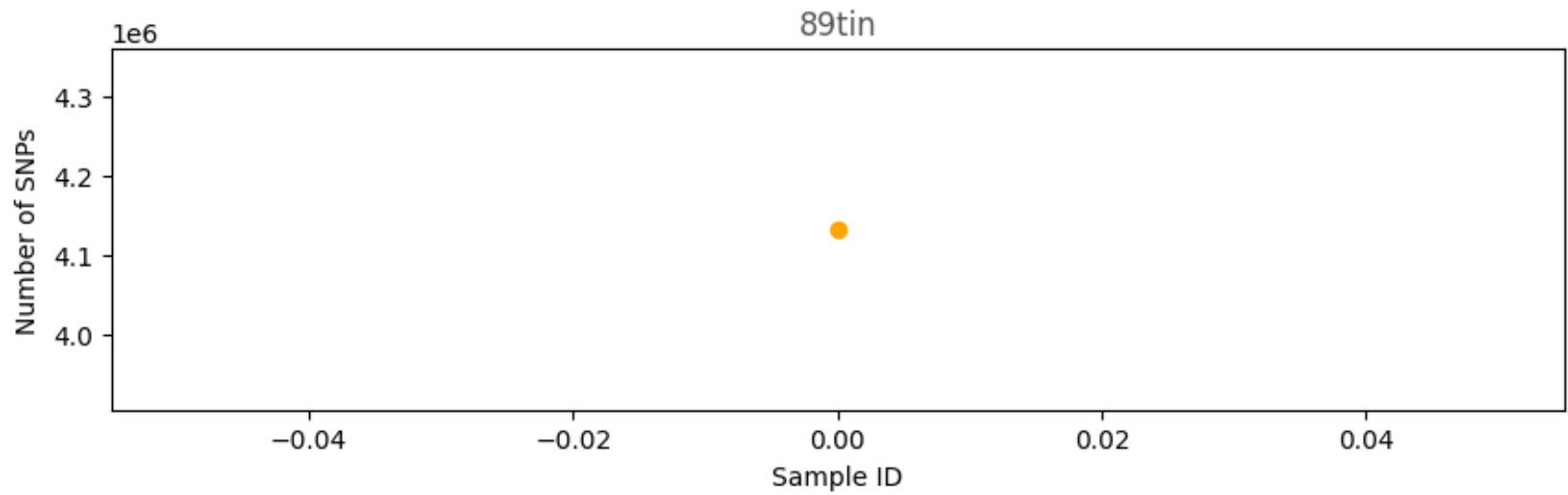
Singletons by sample (hets and homs)



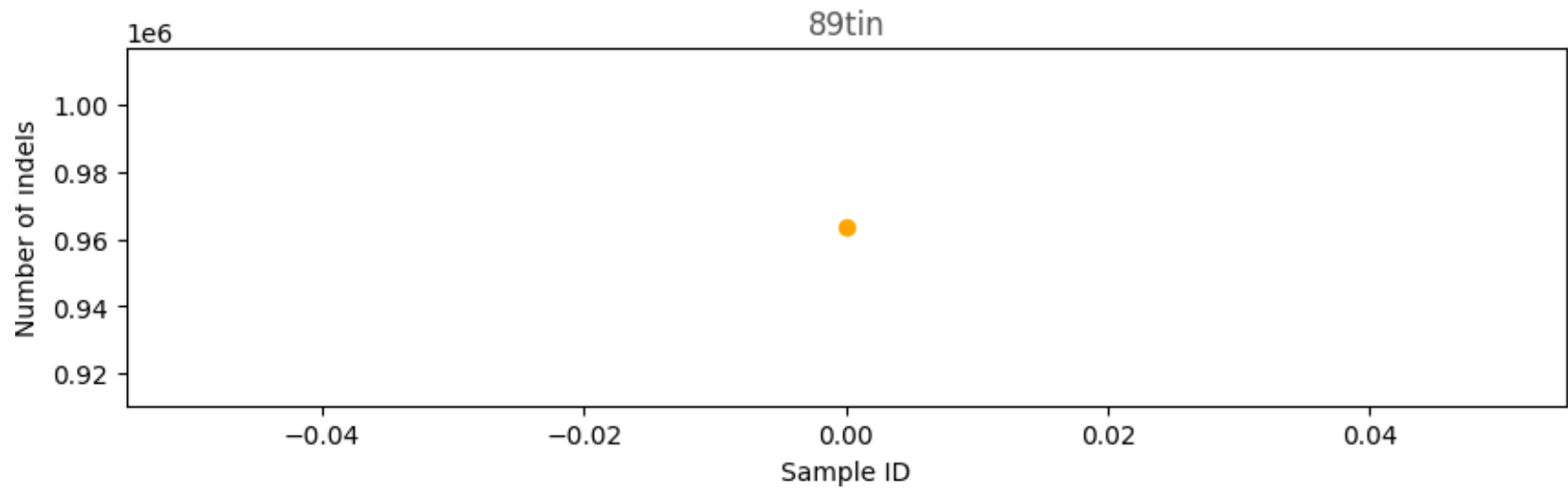
Average depth by sample



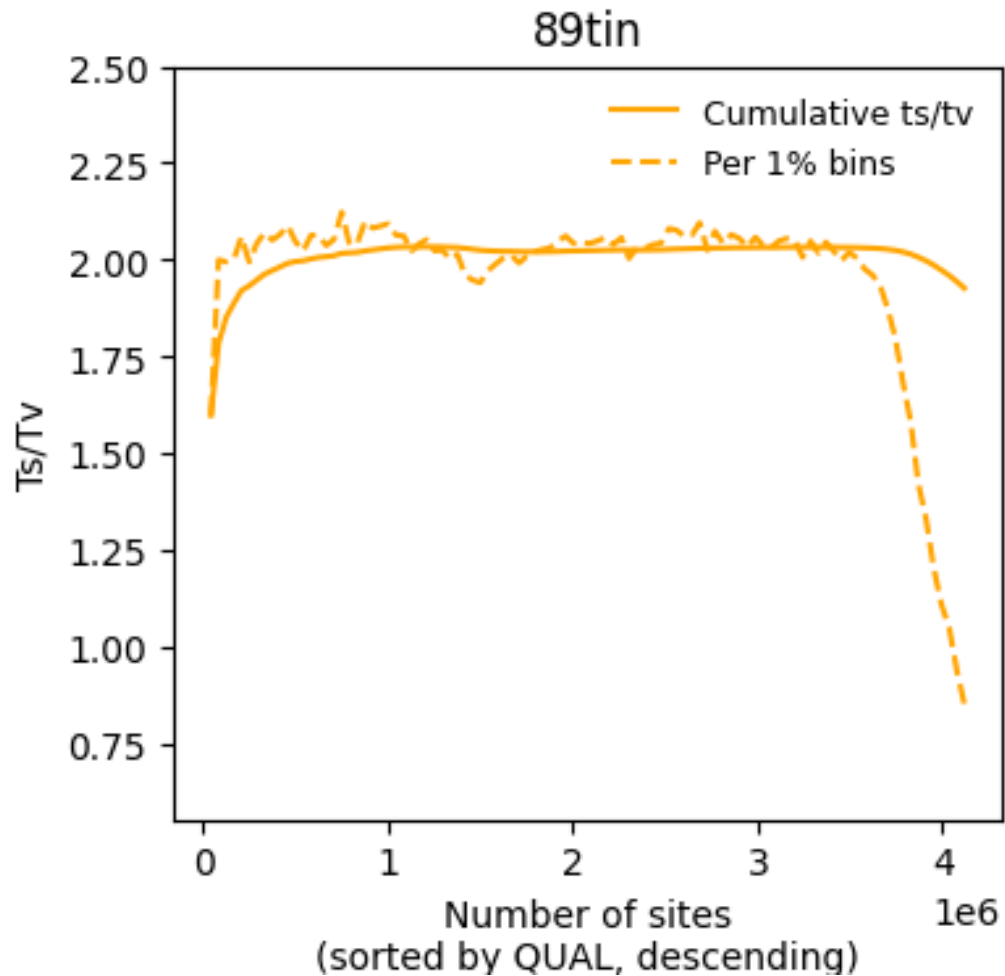
Number of SNPs by sample



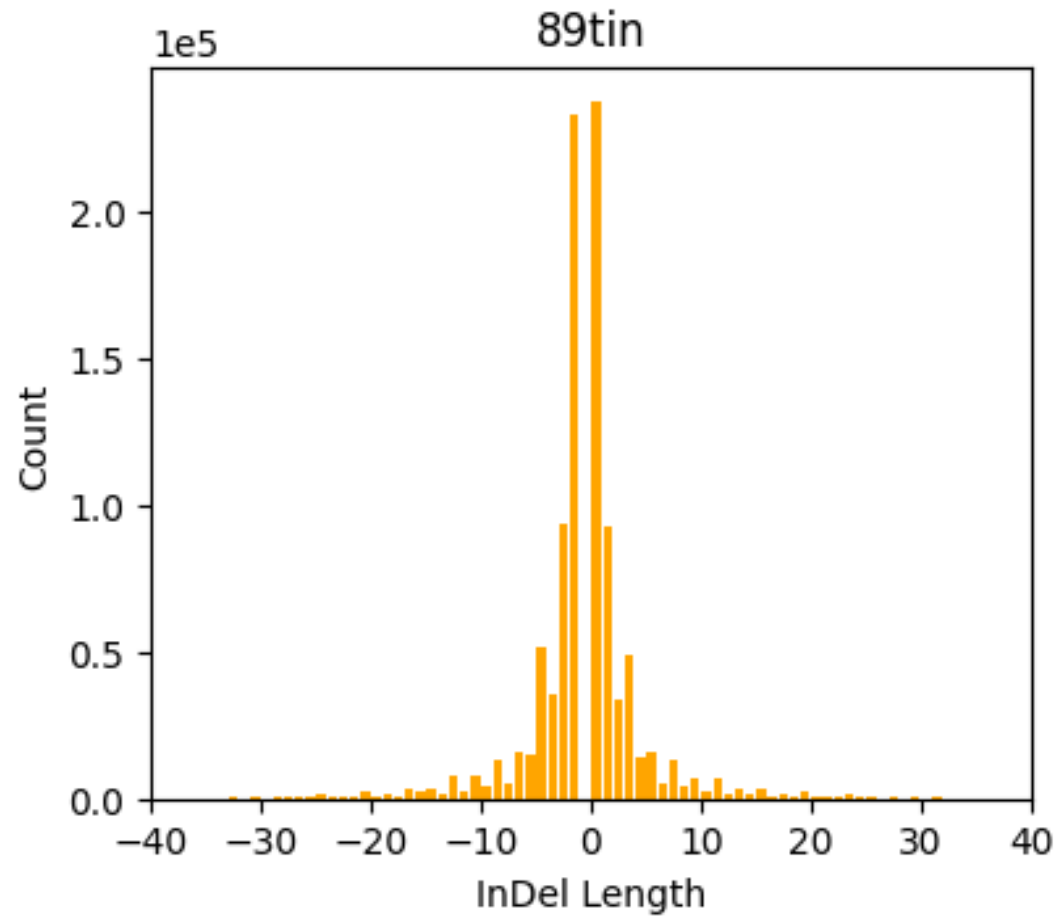
Number of indels by sample



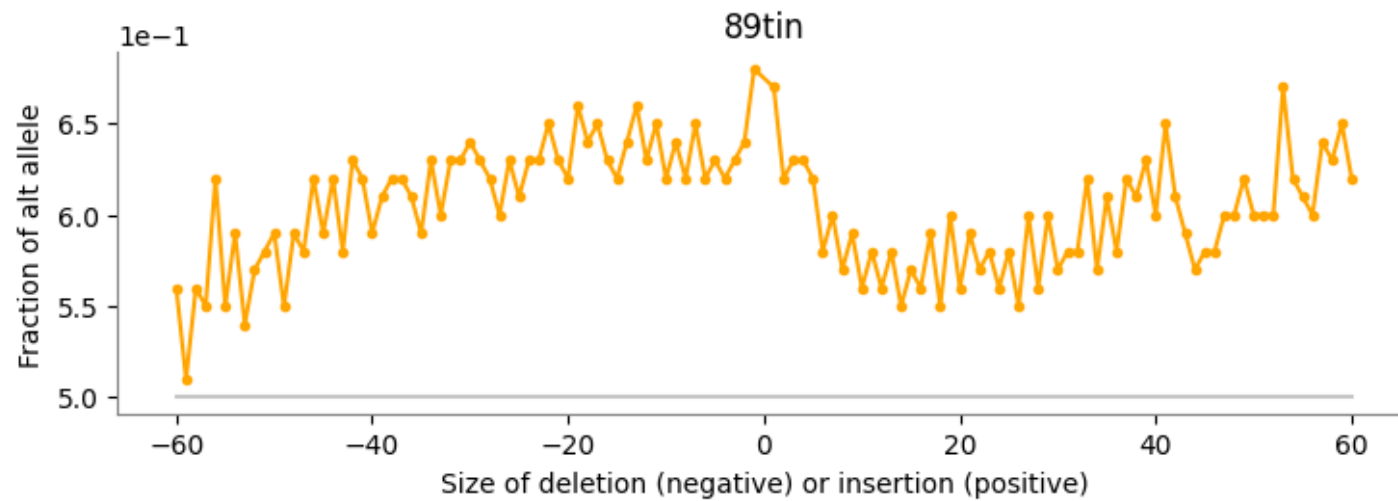
Ts/Tv stratified by QUAL



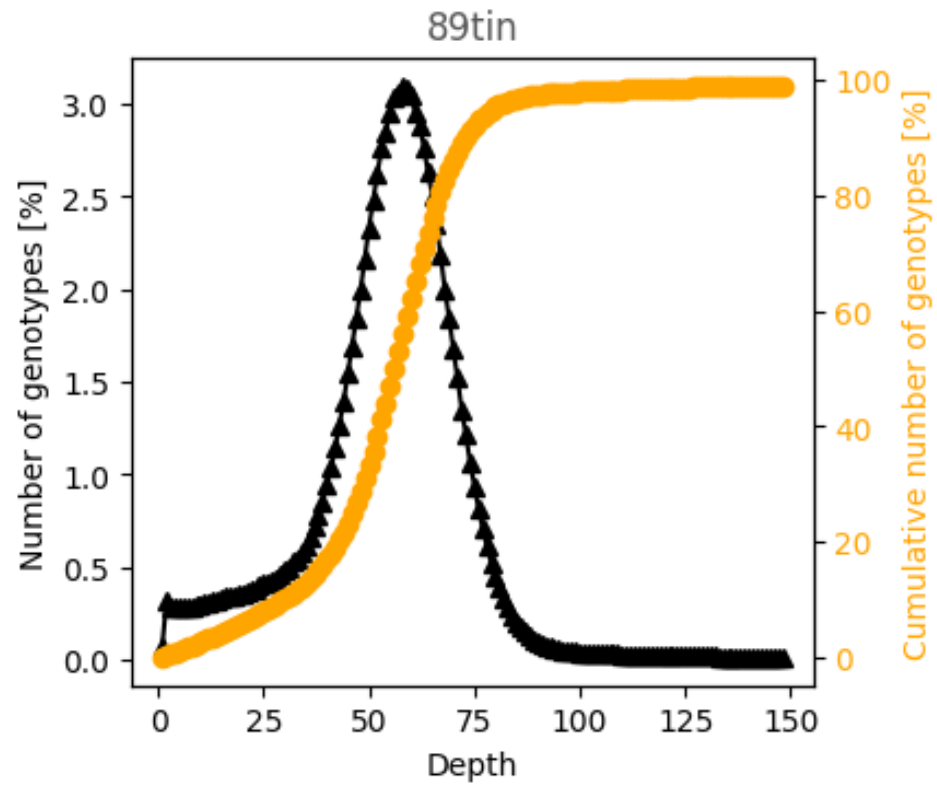
Indel distribution



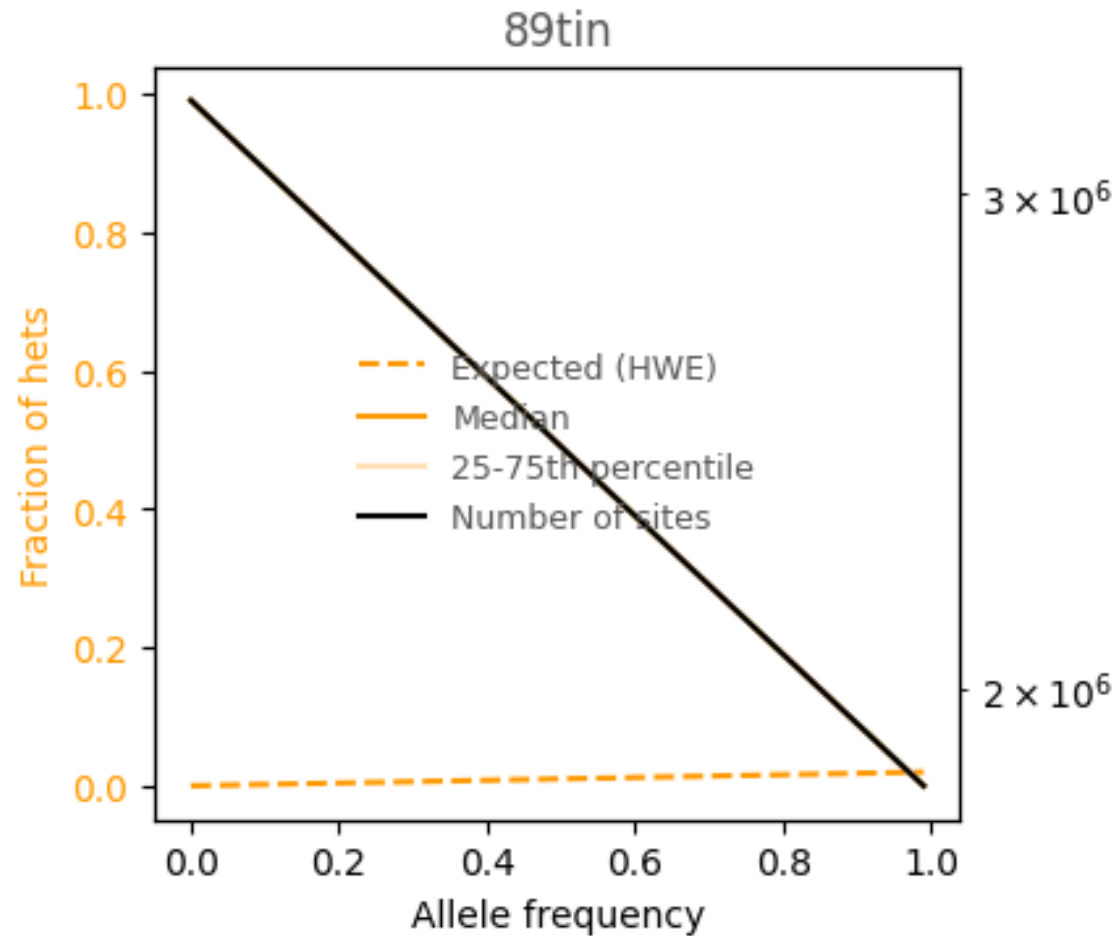
Fraction of alternate indel allele



Depth distribution



Number of HETs by AF



Substitution types

