

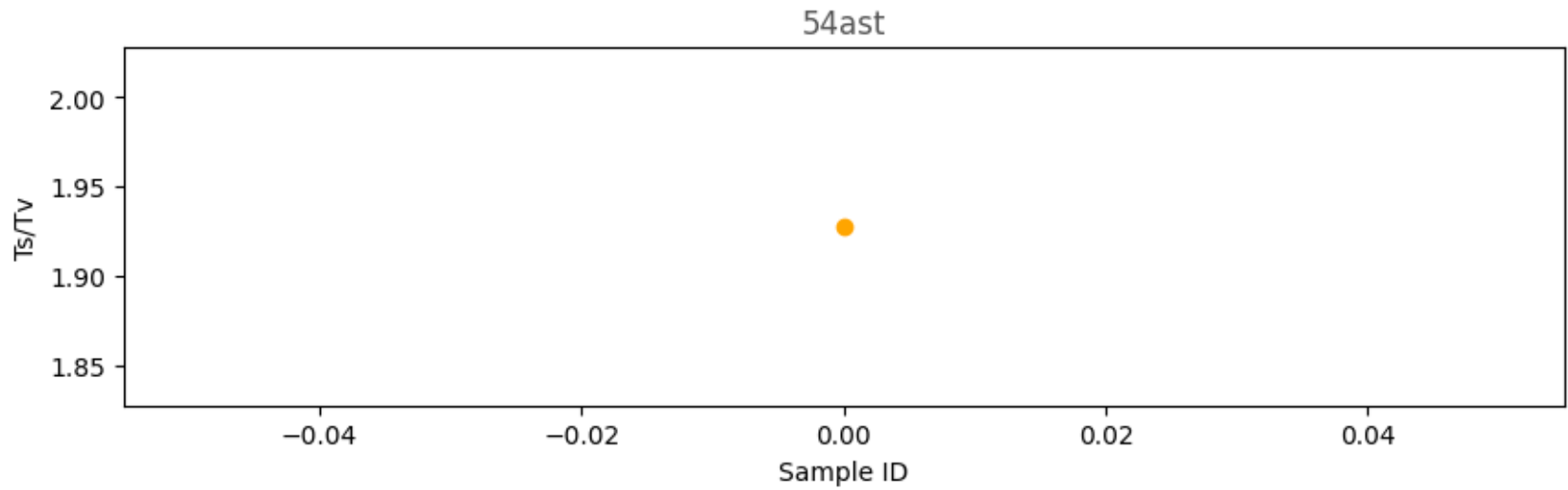
Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
54ast	4,064,231	1.93	1.93	953,758	–	0	0
* frameshift ratio: out/(out+in)							

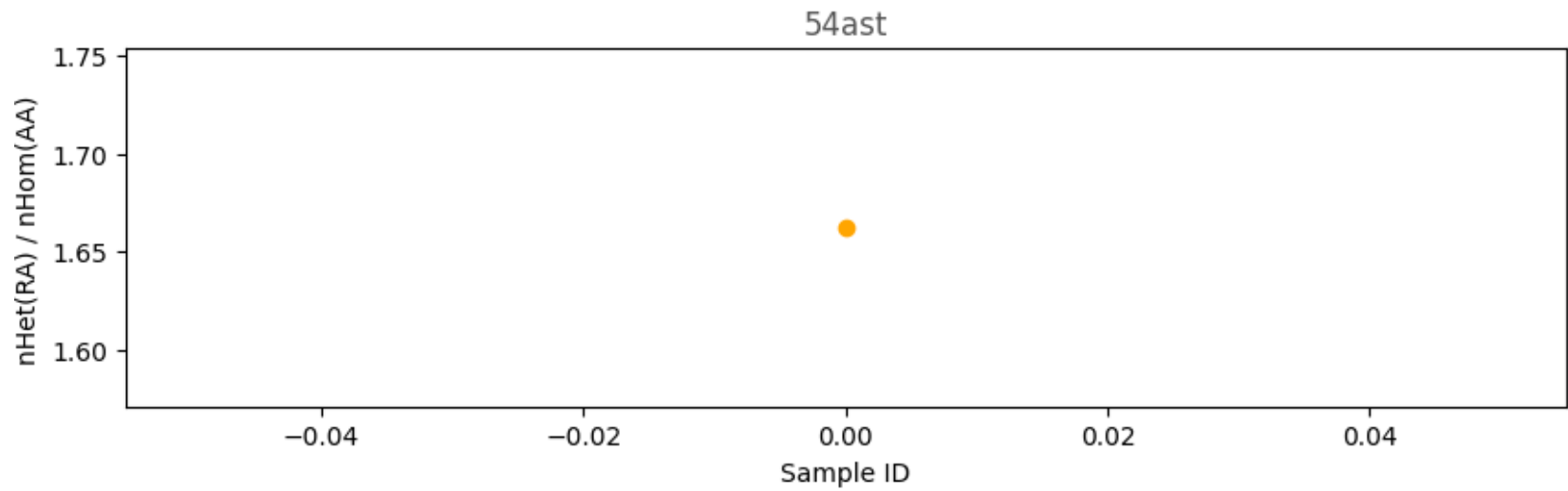
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
54ast	62.5%	1.90	67.5%	101,391	1,864

- 54ast .. /ngc/projects2/gm/data/archive/2022/variants/snv/54asthasm-103916013042-Normal_Blood_noinfo-WGS_v1_IlluminaDNAPCRFree_RHGM01878-221005_A01961_AH35TTDSX5-EXT_LAB_KA_NGCWGS-NGCWGS05691_22RKG003390_snv_germline_raw.haplotype_caller.vcf.gz

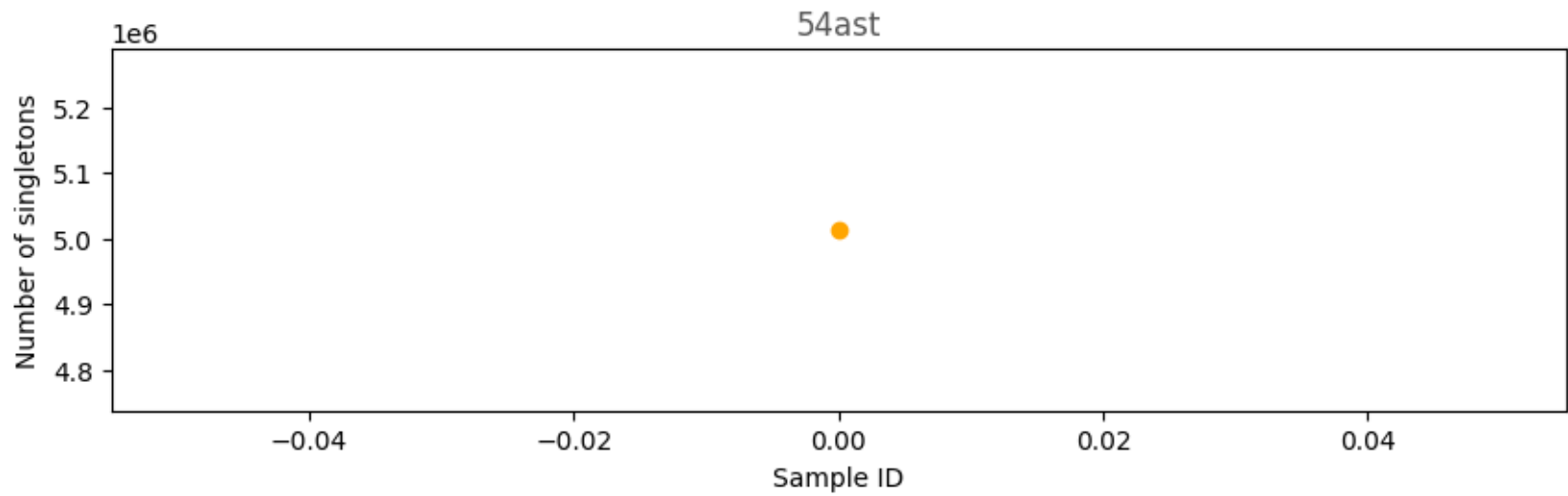
Ts/Tv by sample



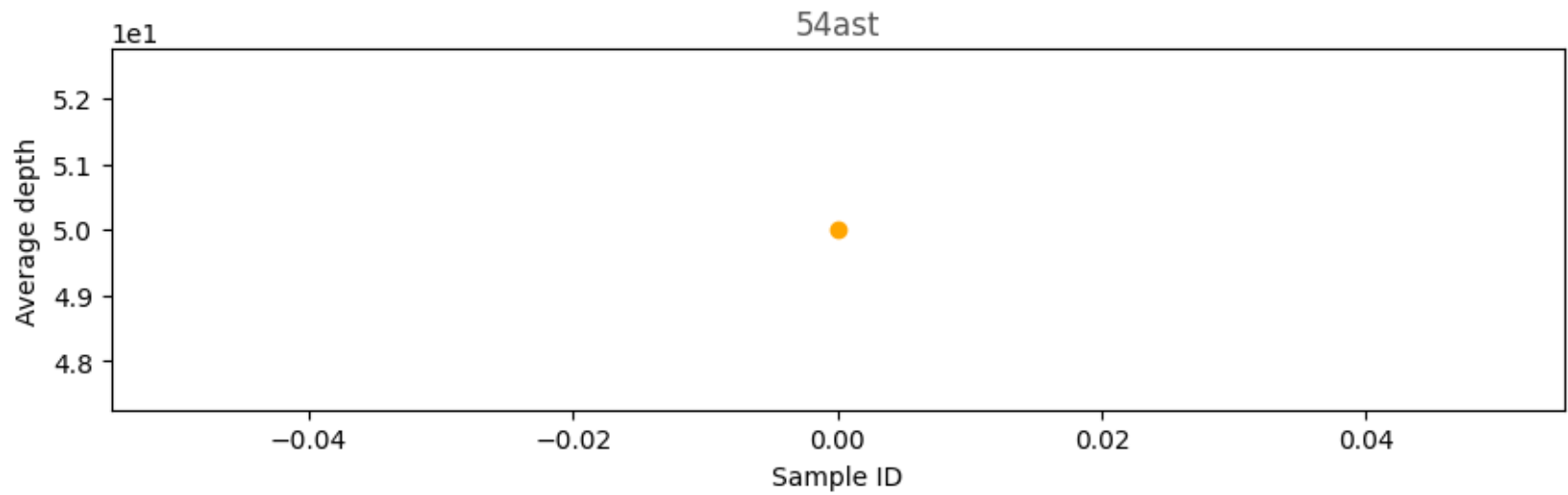
Hets vs non-ref Homs by sample



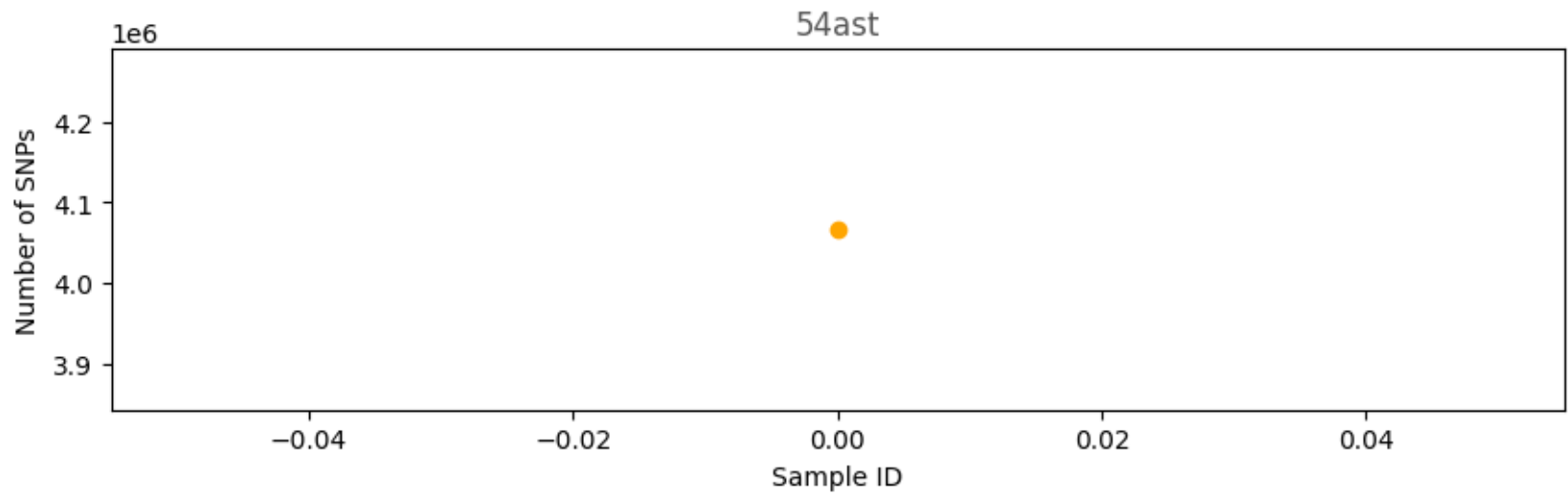
Singletons by sample (hets and homs)



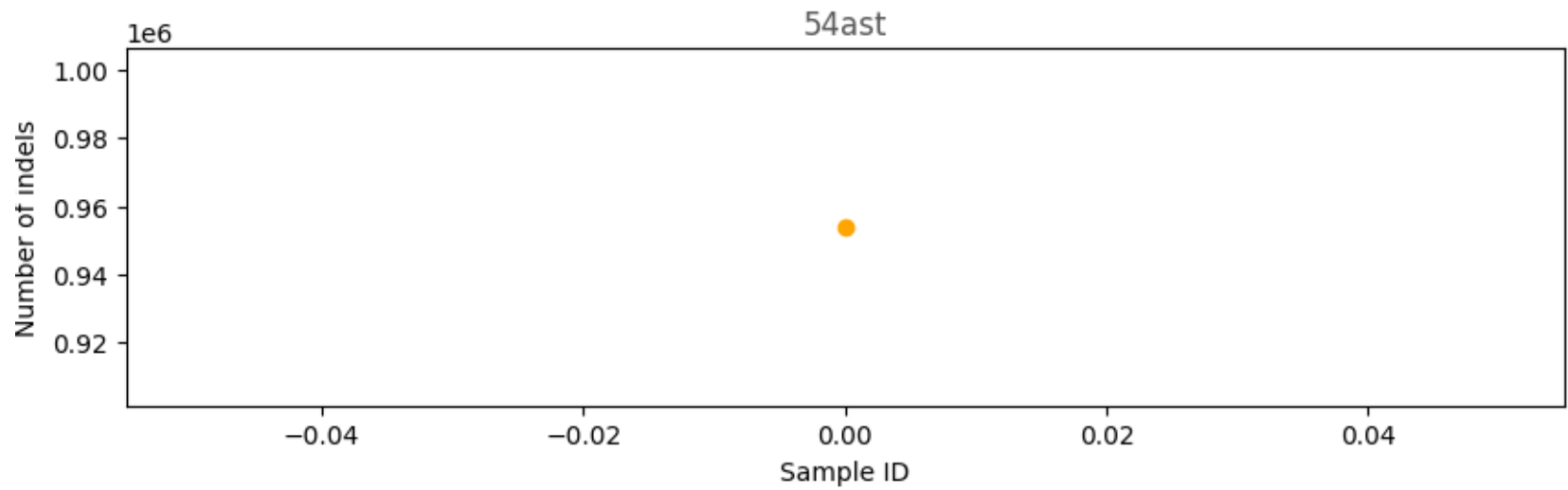
Average depth by sample



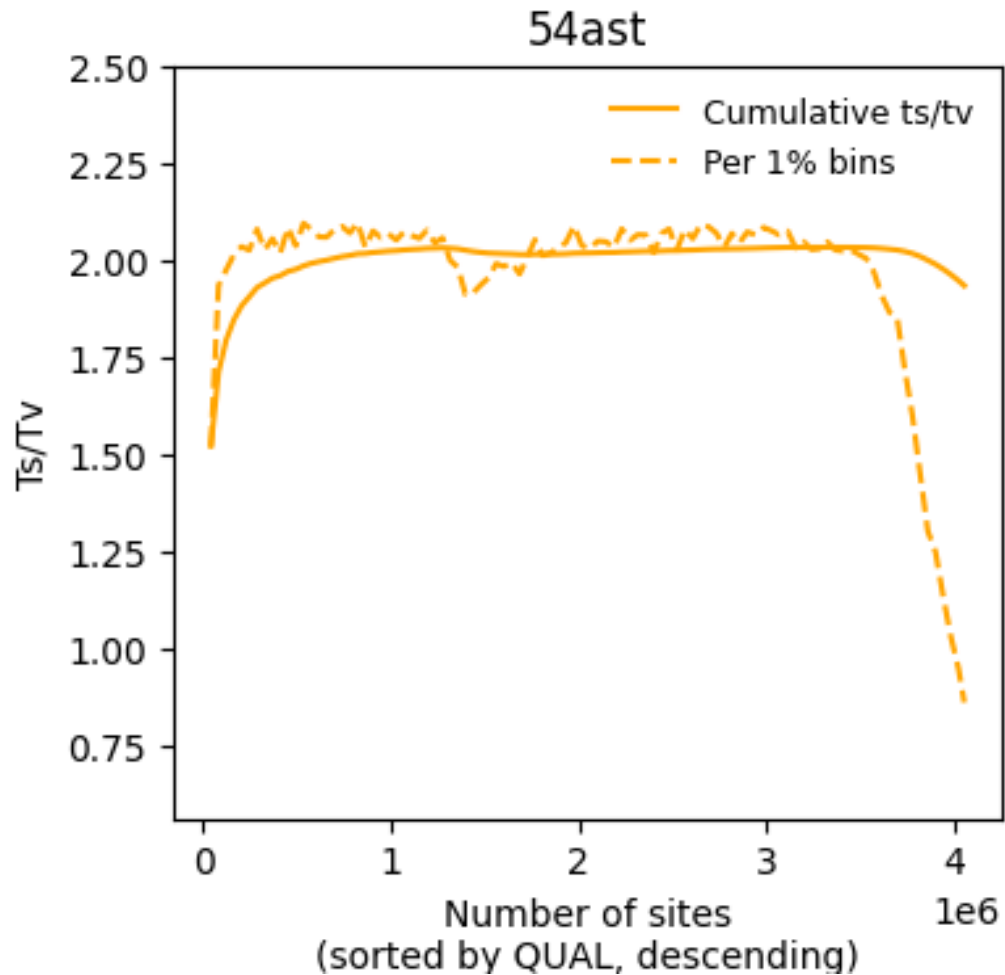
Number of SNPs by sample



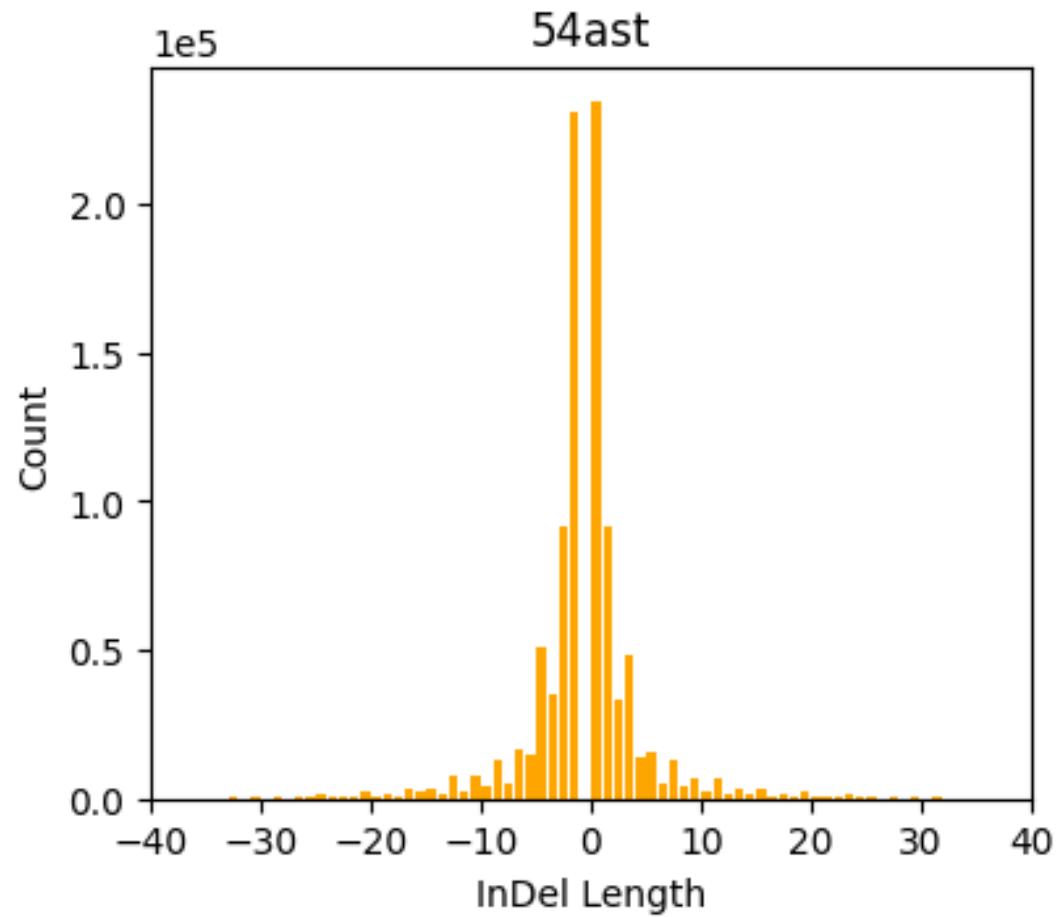
Number of indels by sample



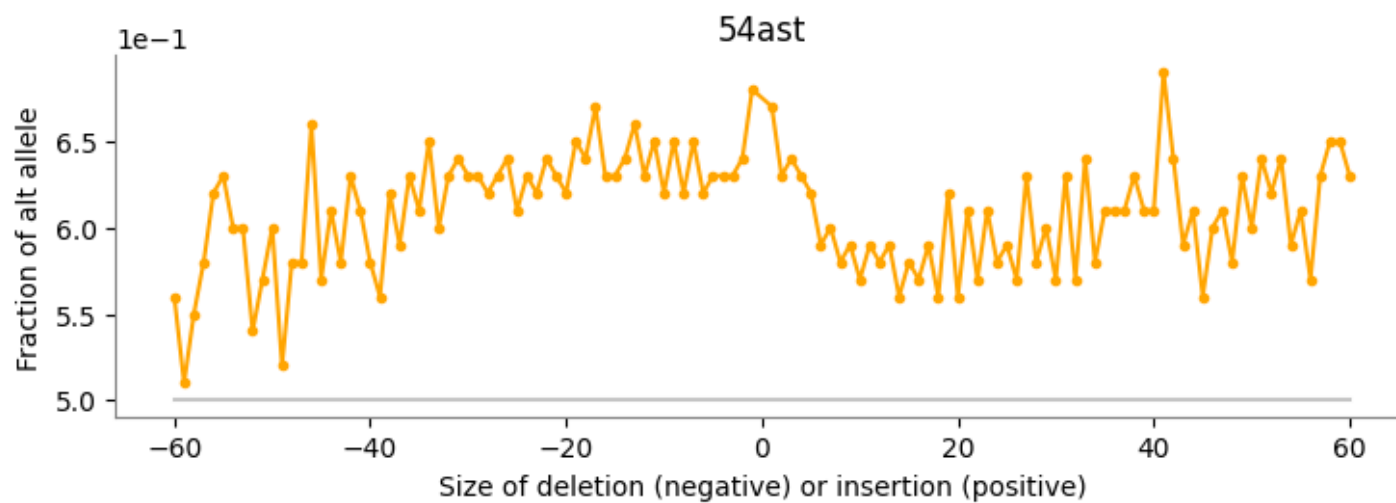
Ts/Tv stratified by QUAL



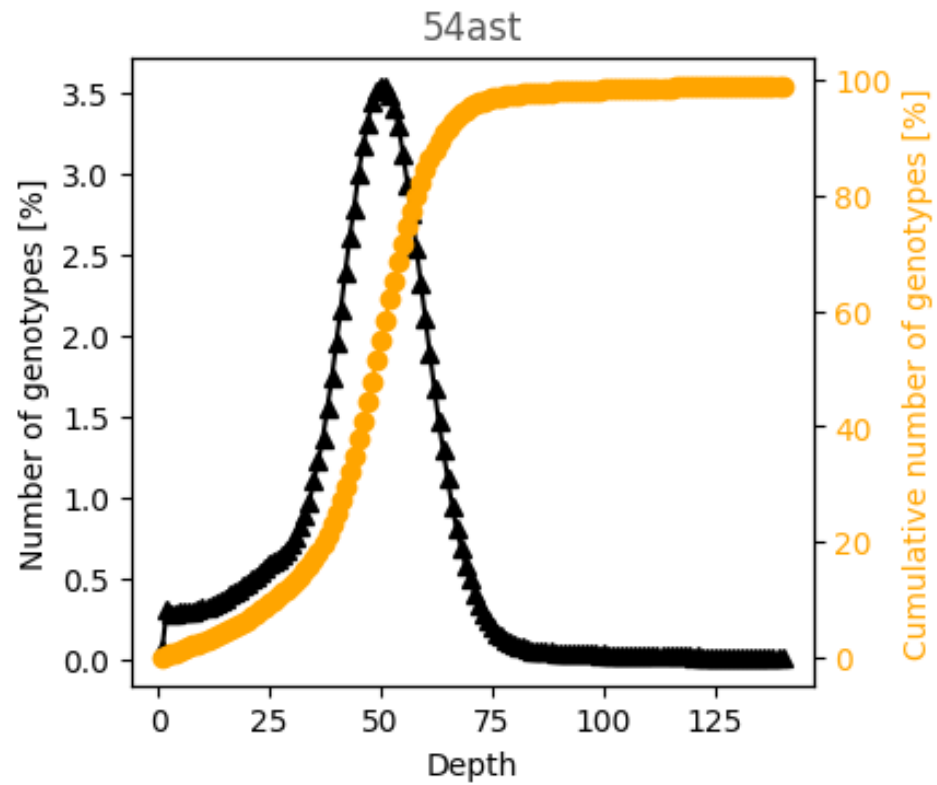
Indel distribution



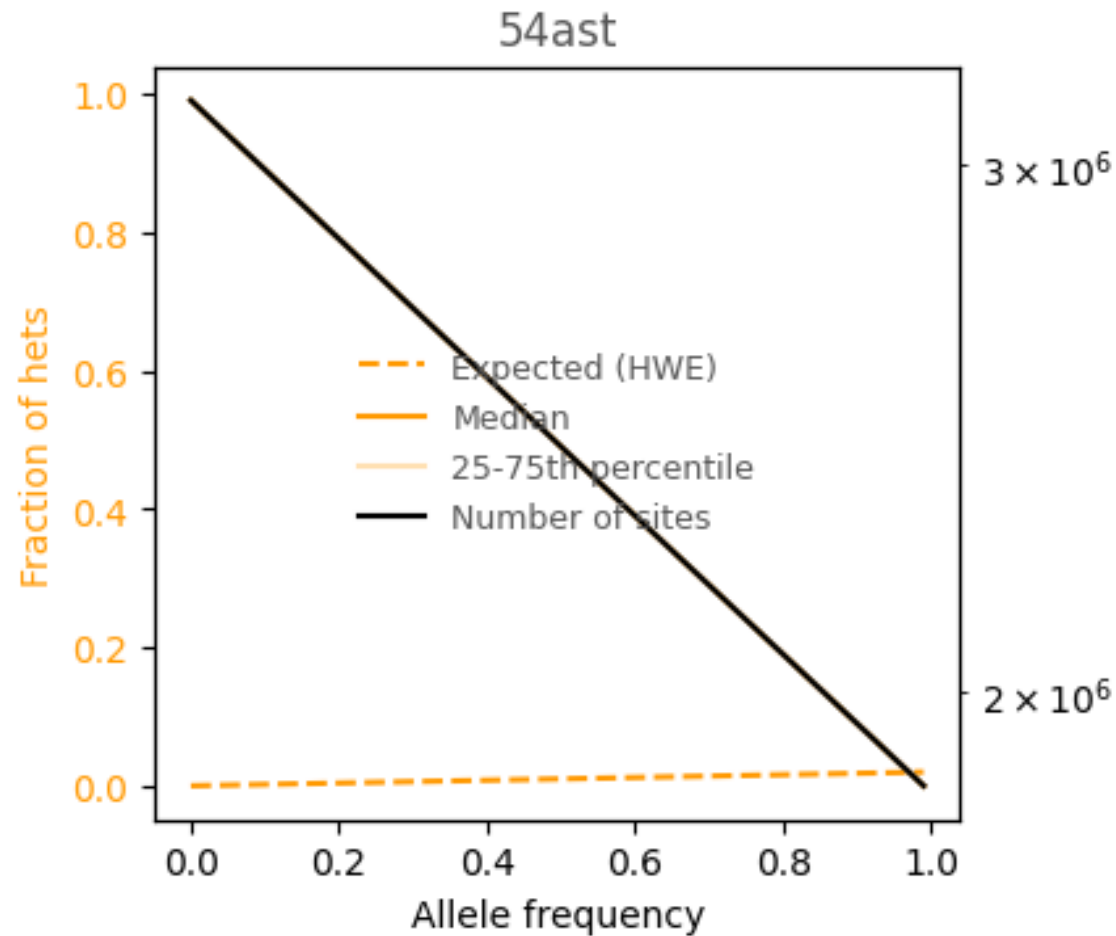
Fraction of alternate indel allele



Depth distribution



Number of HETs by AF



Substitution types

