

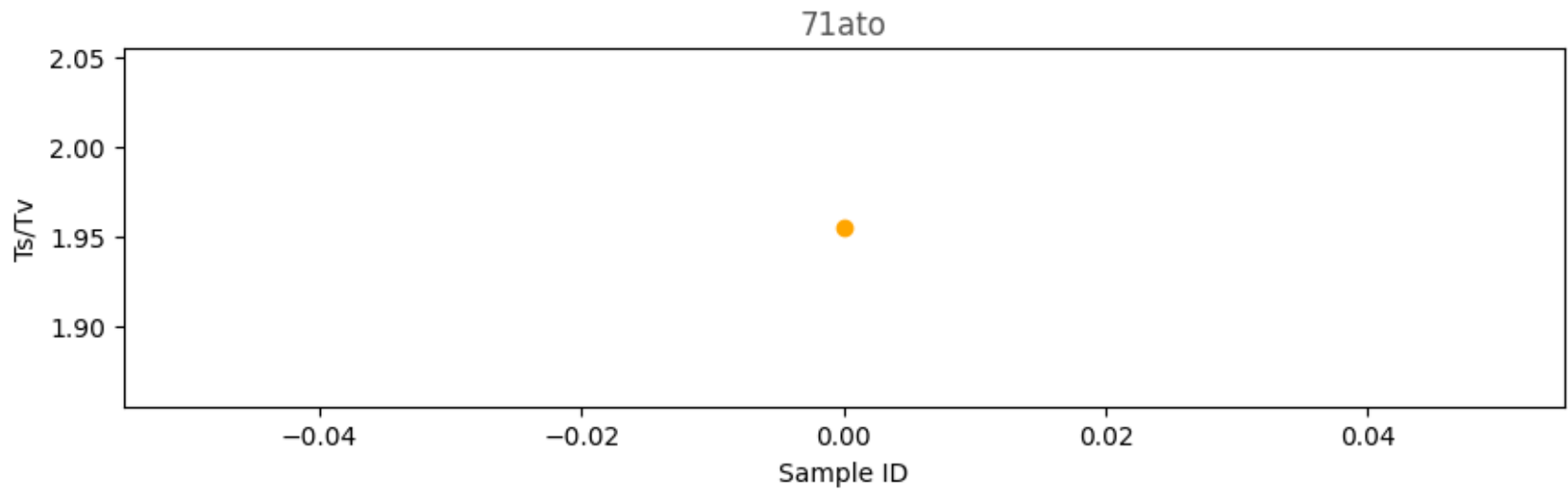
Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
71ato	4,036,494	1.95	1.96	946,200	–	0	0
* frameshift ratio: out/(out+in)							

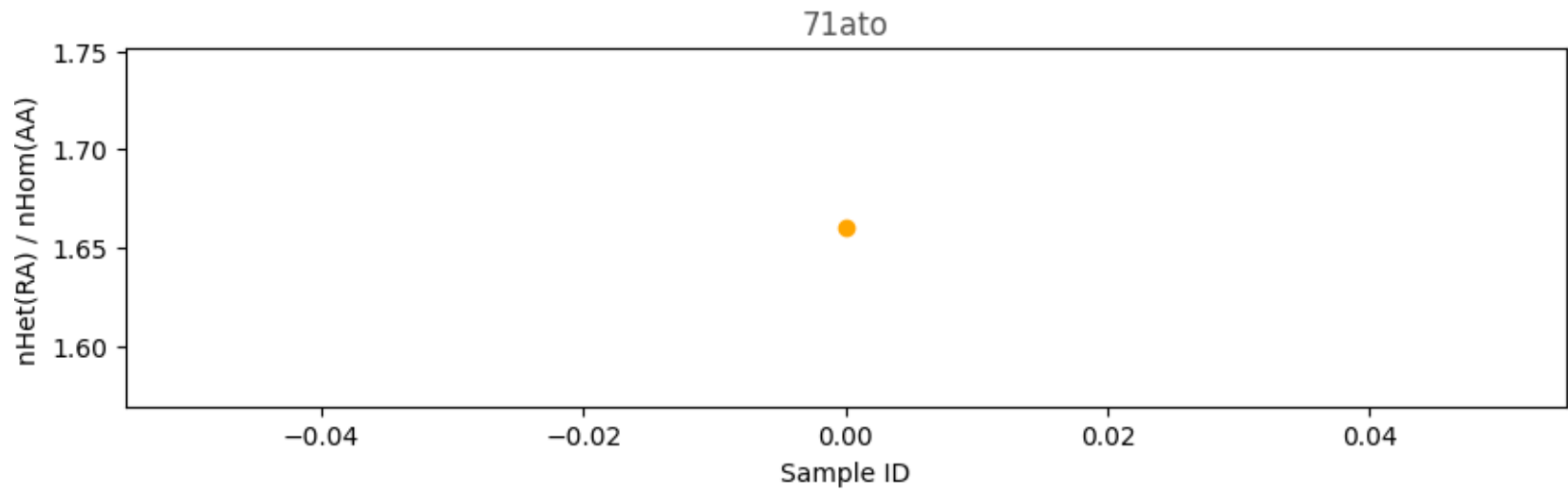
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
71ato	62.4%	1.93	67.1%	96,579	1,772

- 71ato .. /ngc/projects2/gm/data/archive/2022/variants/snv/71atocecm-103835412048-Normal_B
 lood_noinfo-WGS_v1_IlluminaDNAPCRFree_X-220209_A01176_AHFHJTDSX3-RHGM_LABKA_WGS-
 WGS03791_snv_germline_raw.haplotype_caller.vcf.gz

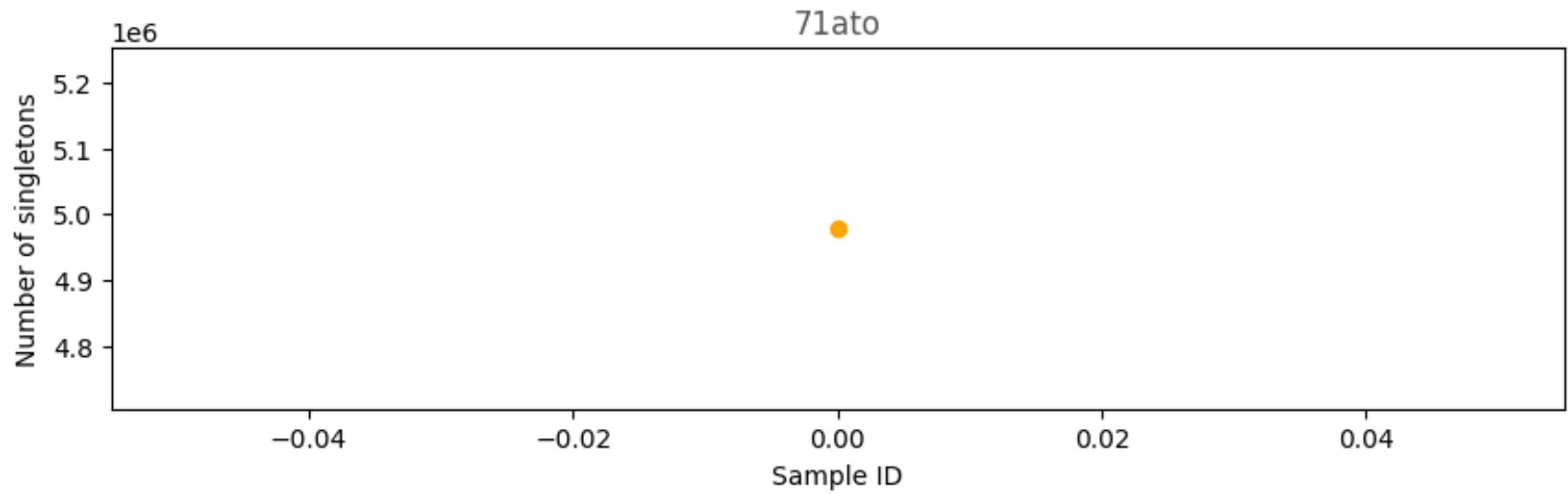
Ts/Tv by sample



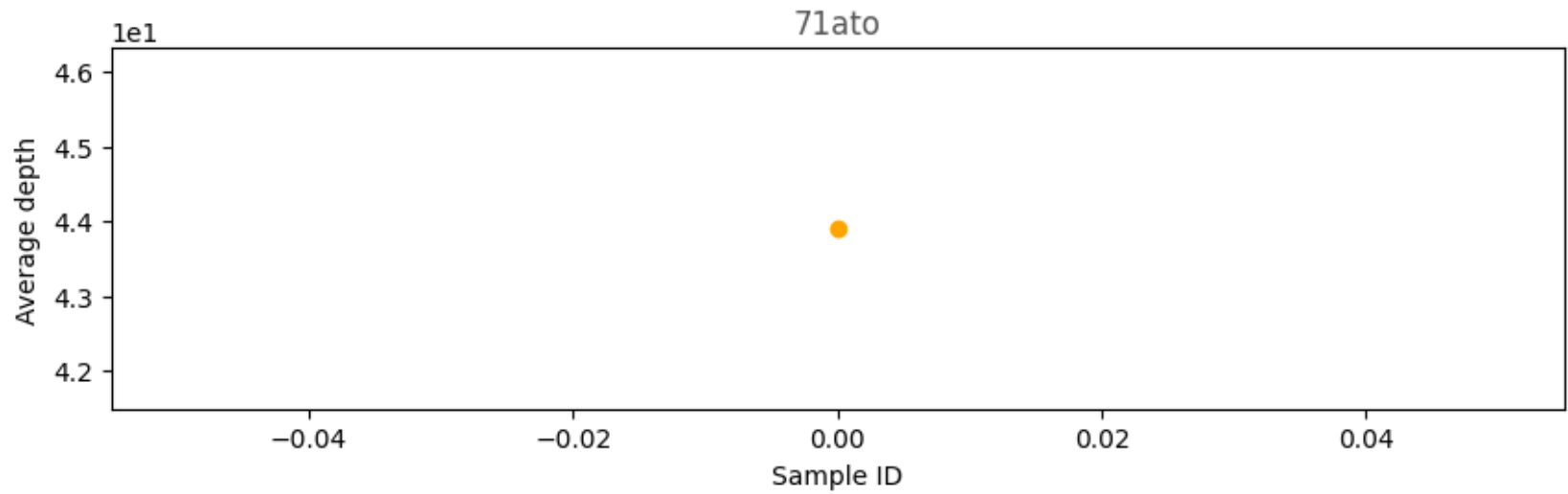
Hets vs non-ref Homs by sample



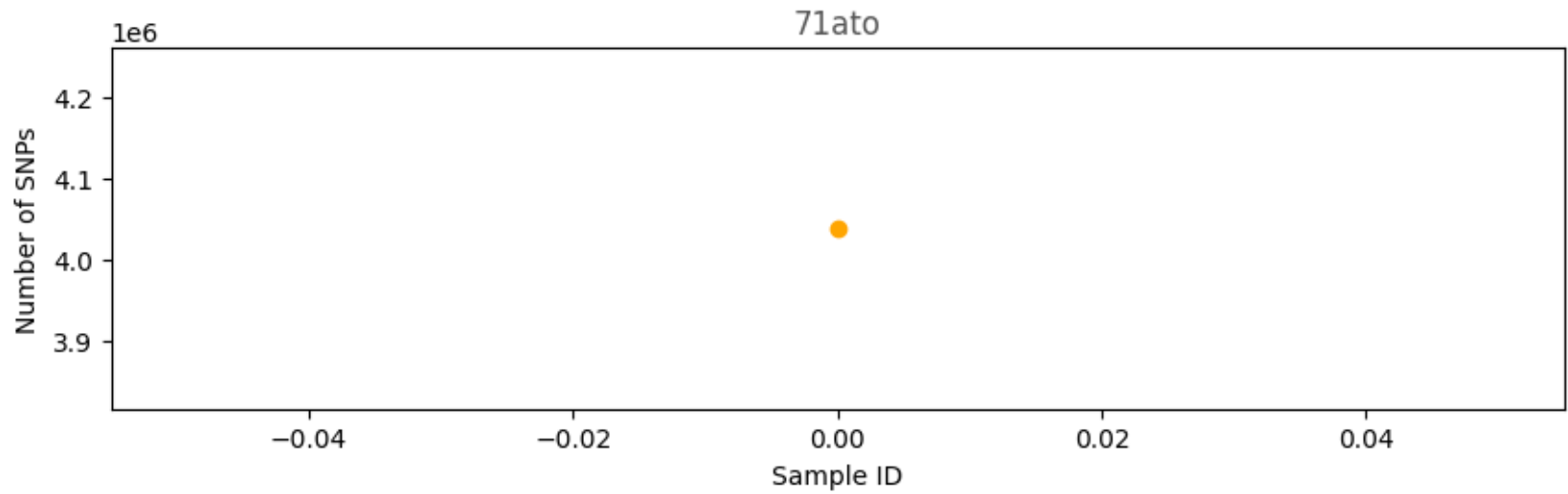
Singletons by sample (hets and homs)



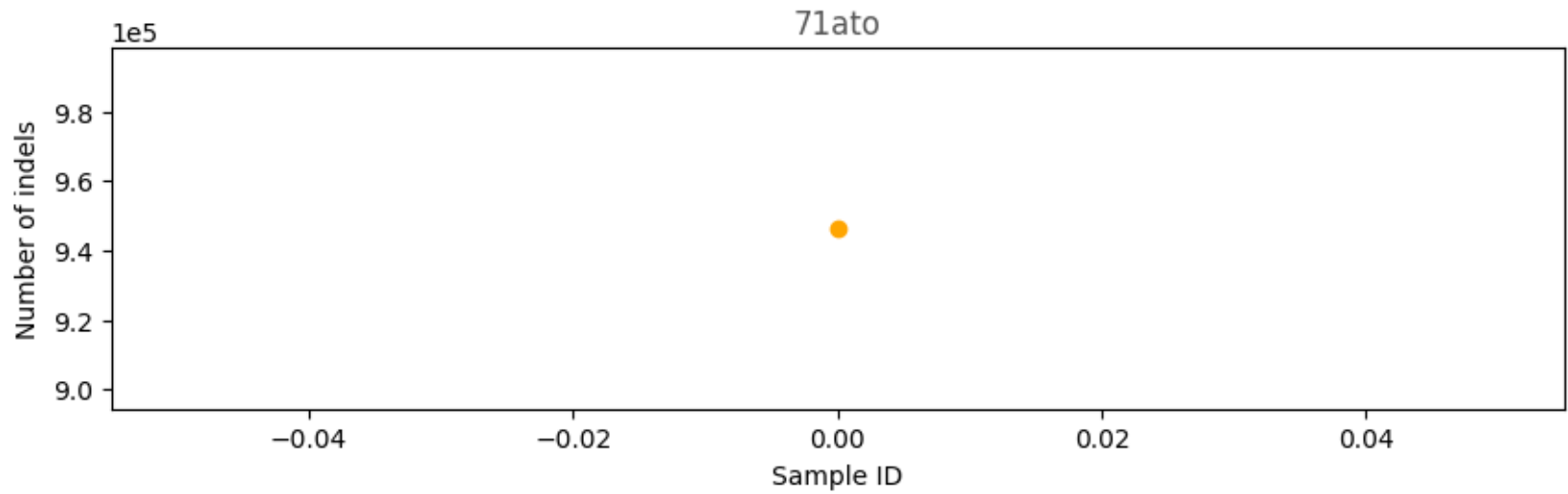
Average depth by sample



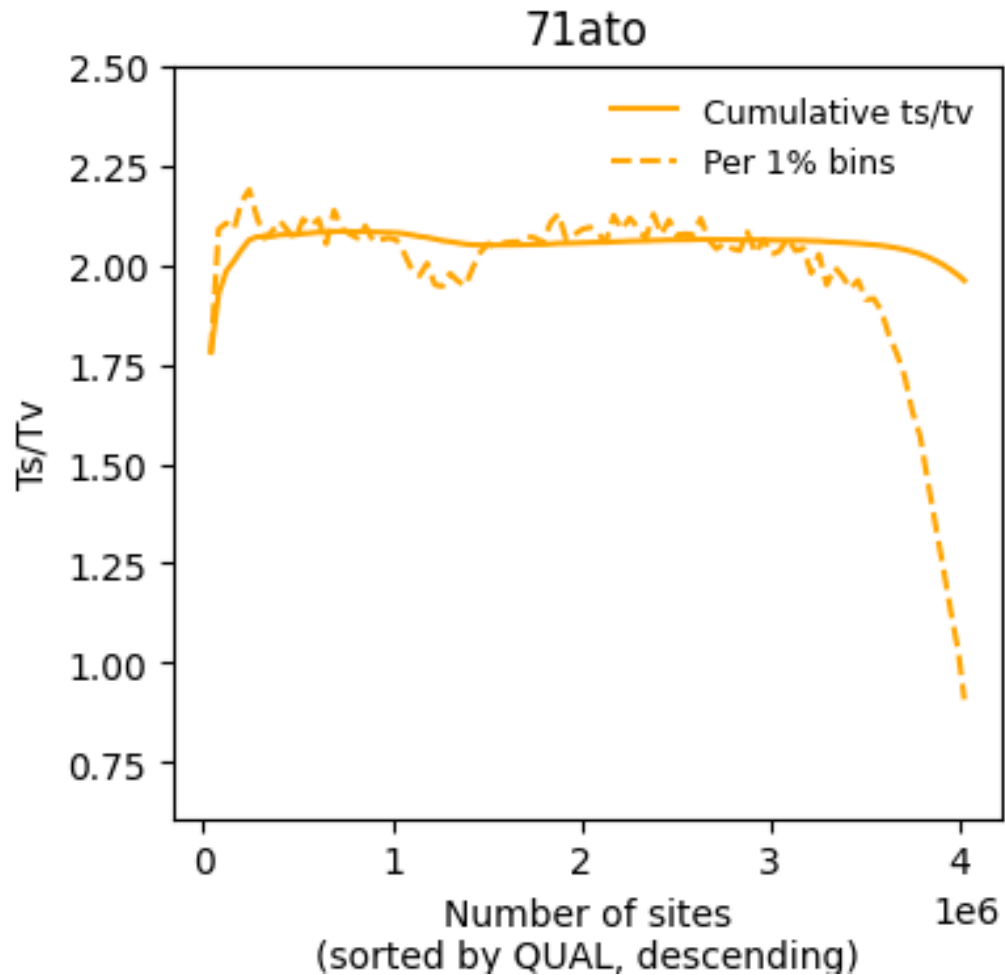
Number of SNPs by sample



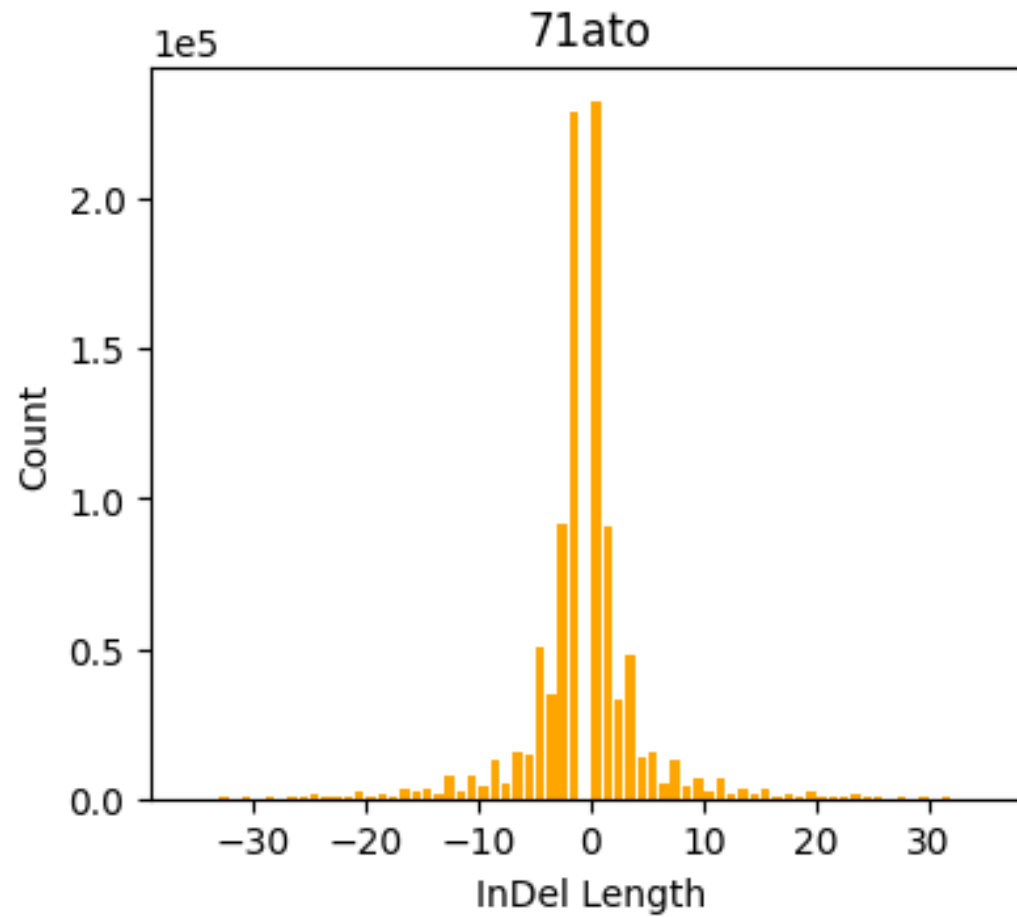
Number of indels by sample



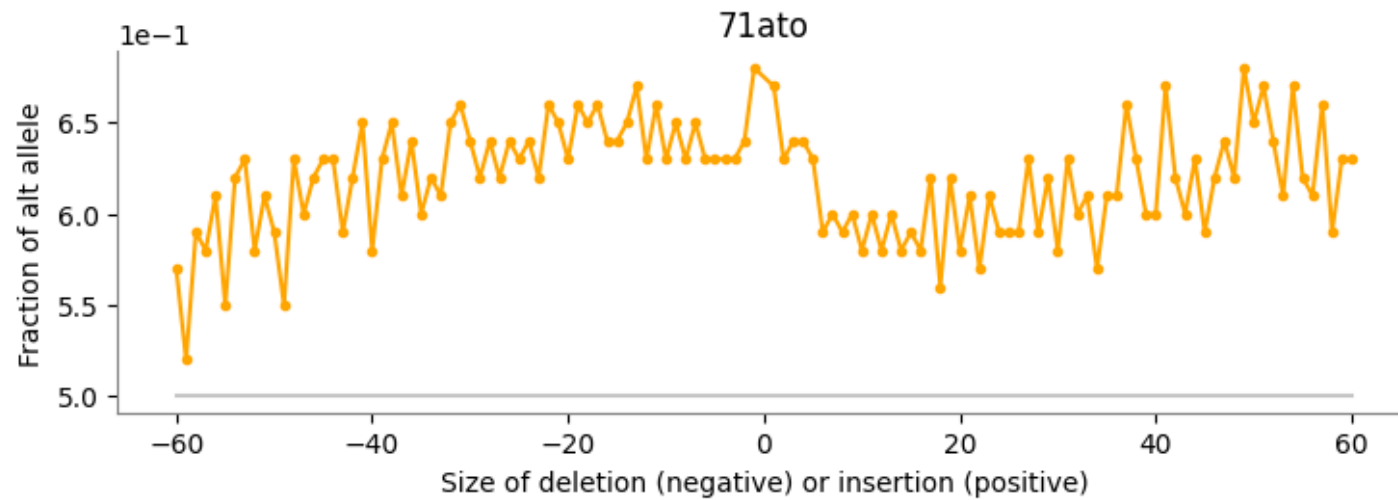
Ts/Tv stratified by QUAL



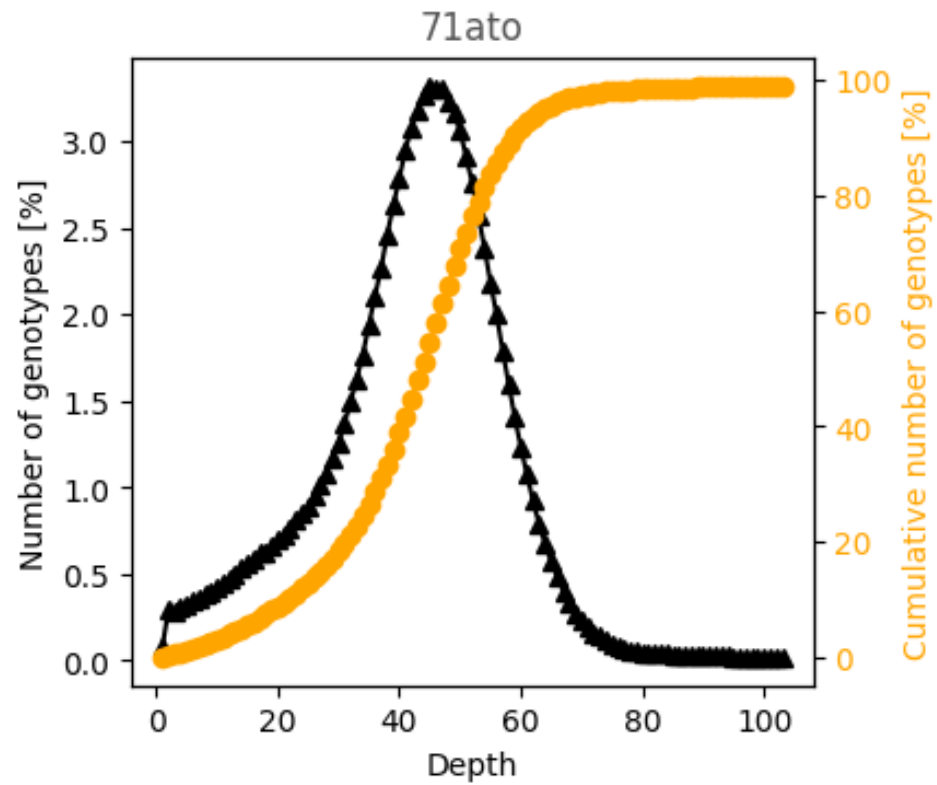
Indel distribution



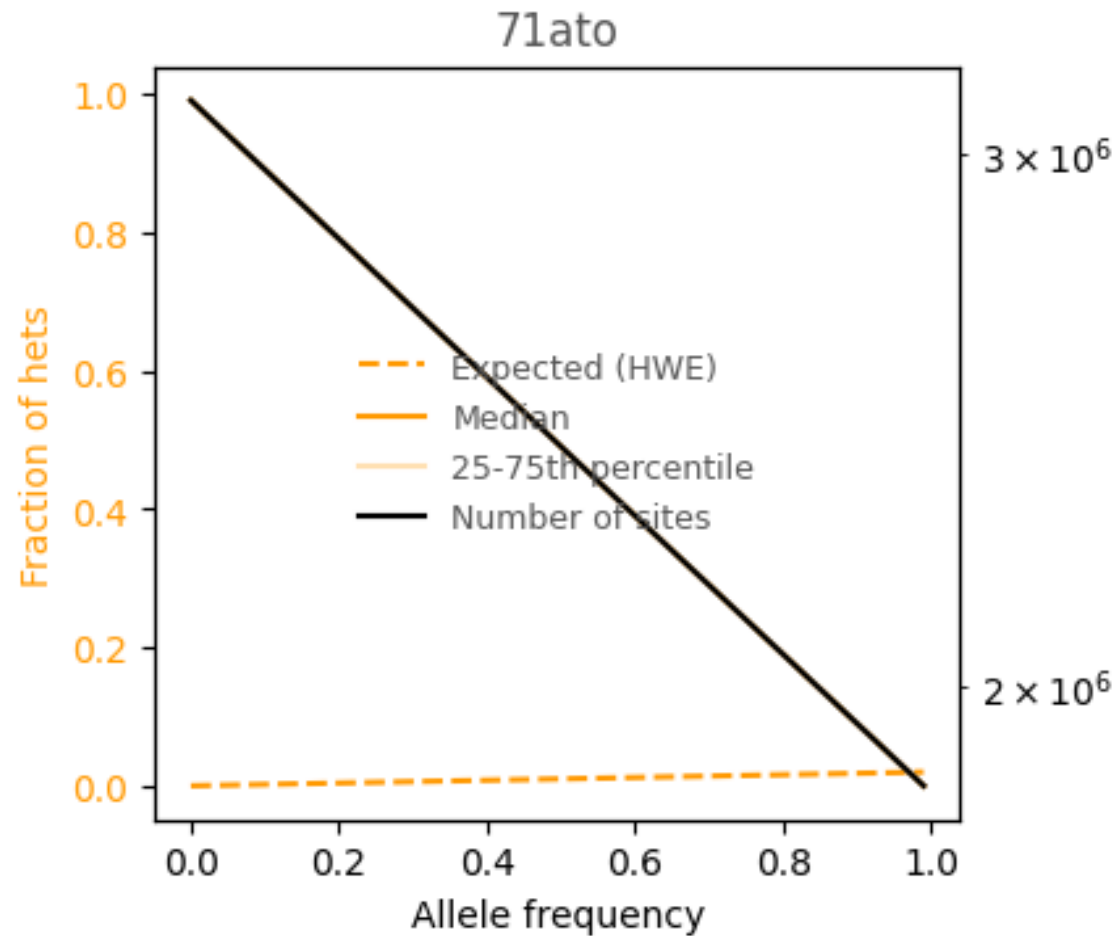
Fraction of alternate indel allele



Depth distribution



Number of HETs by AF



Substitution types

