

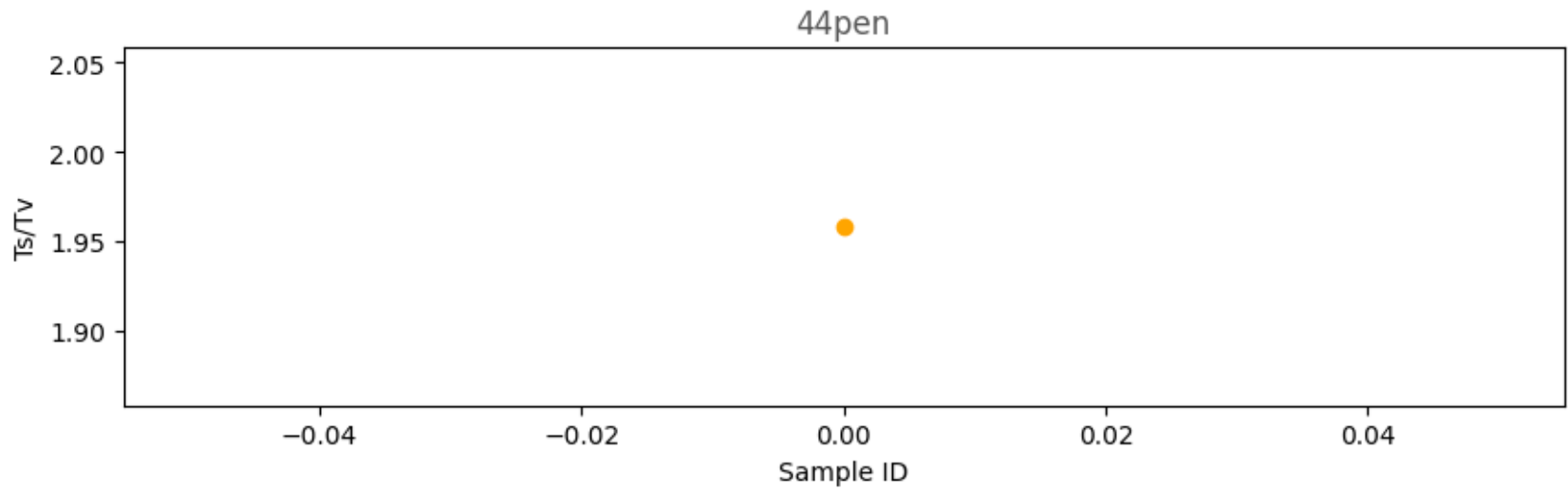
Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
44pen	4,063,567	1.96	1.96	966,762	–	0	0
* frameshift ratio: out/(out+in)							

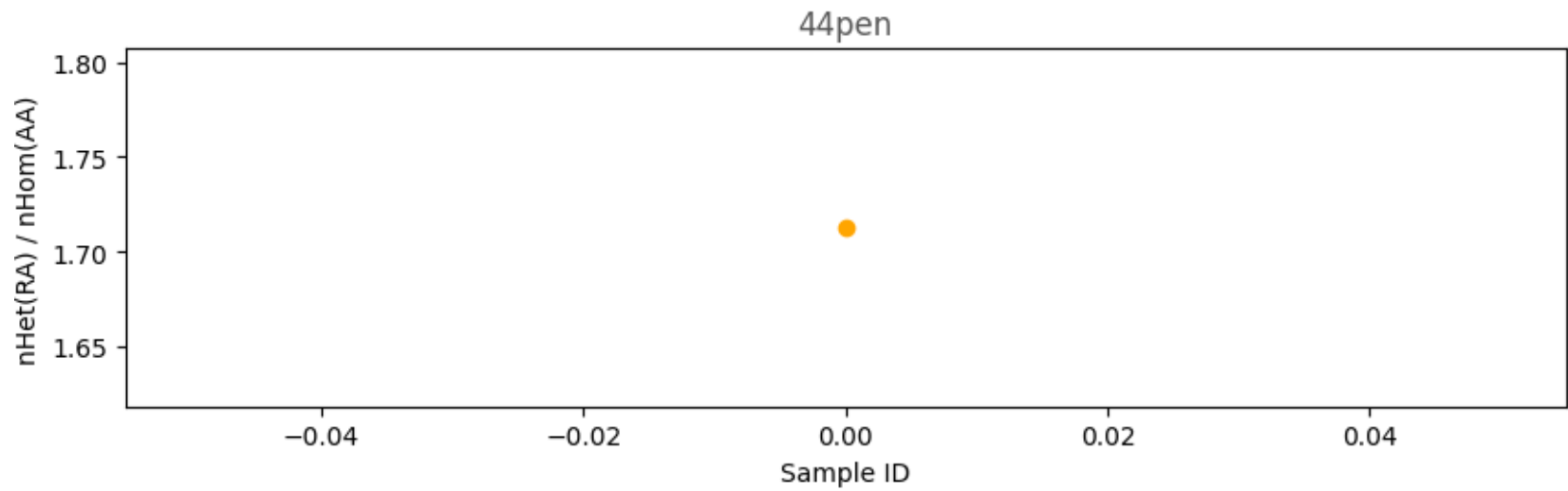
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
44pen	63.2%	1.93	68.7%	104,280	1,859

- 44pen .. /ngc/projects2/gm/data/archive/2022/variants/snv/44penemif-103820958791-Normal_Blood_noinfo-WGS_v1_IlluminaDNAPCRFree_X-211229_A00559_AHT7WGDSX2-RHGM_LABKA_WGS-WGS03599_snv_germline_raw.haplotype_caller.vcf.gz

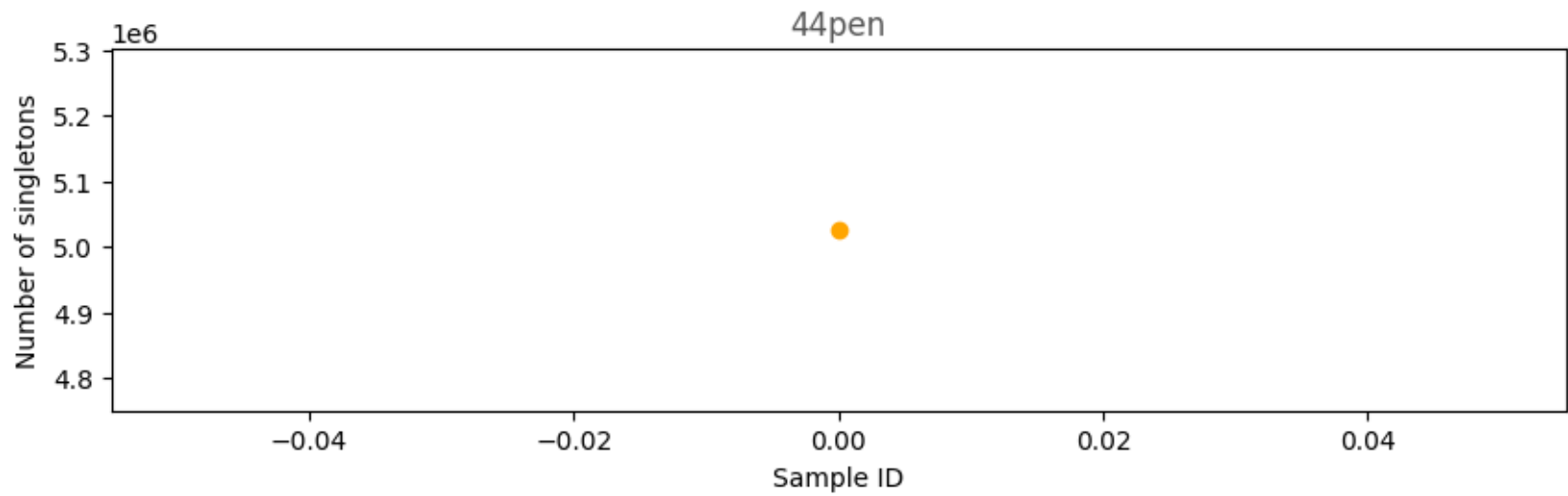
Ts/Tv by sample



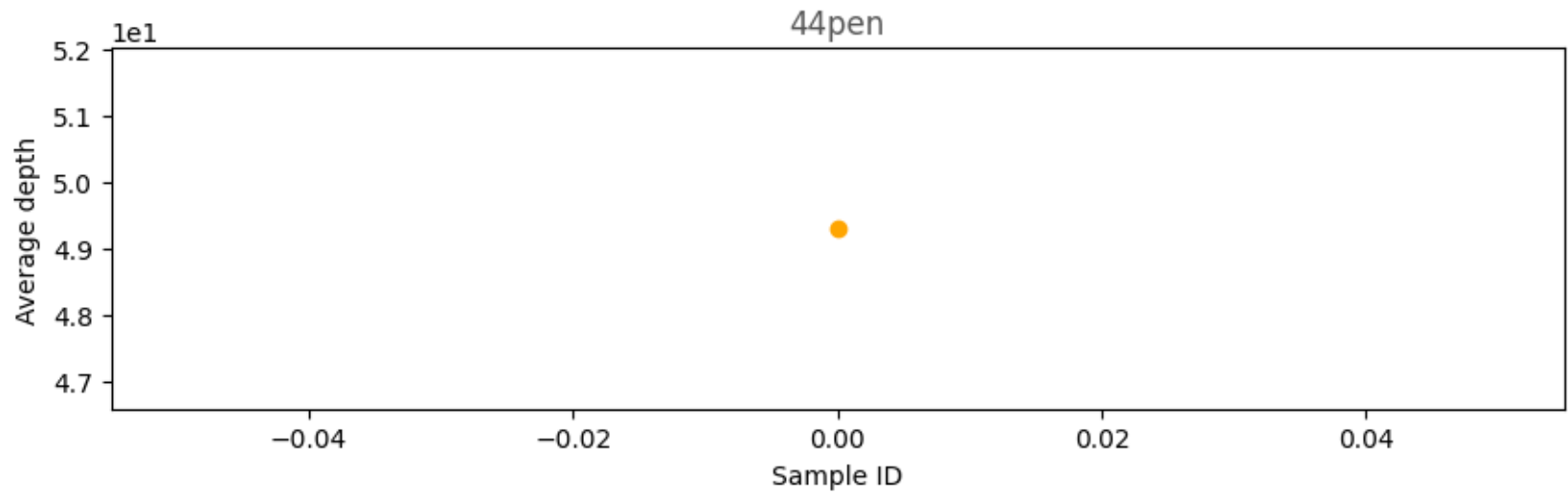
Hets vs non-ref Homs by sample



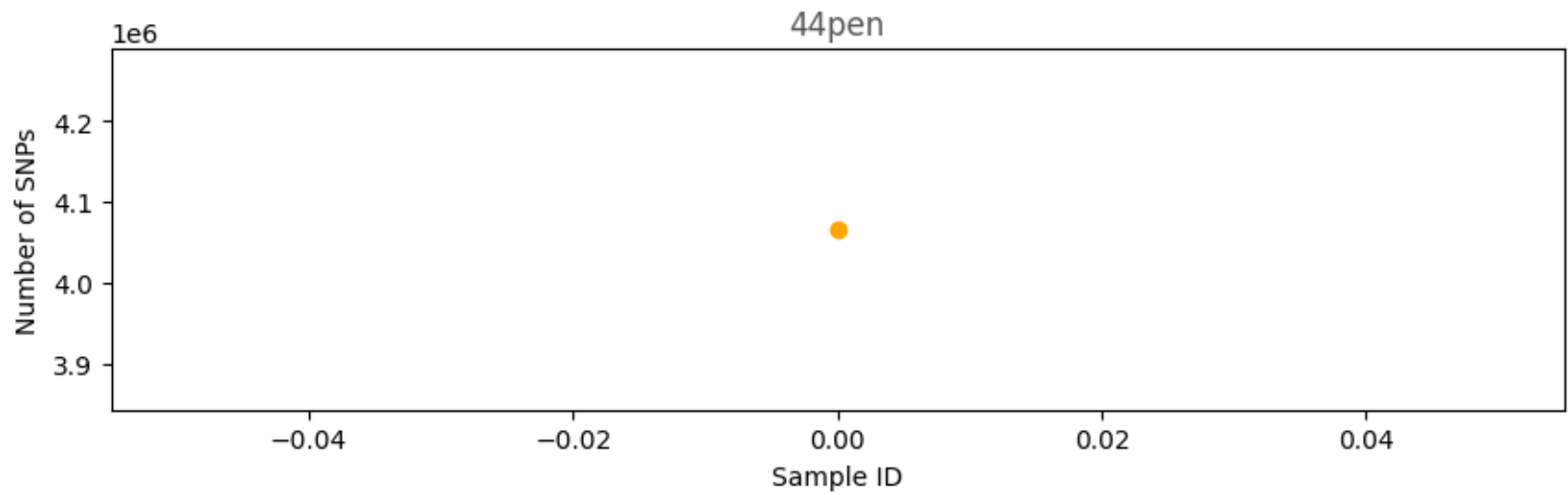
Singletons by sample (hets and homs)



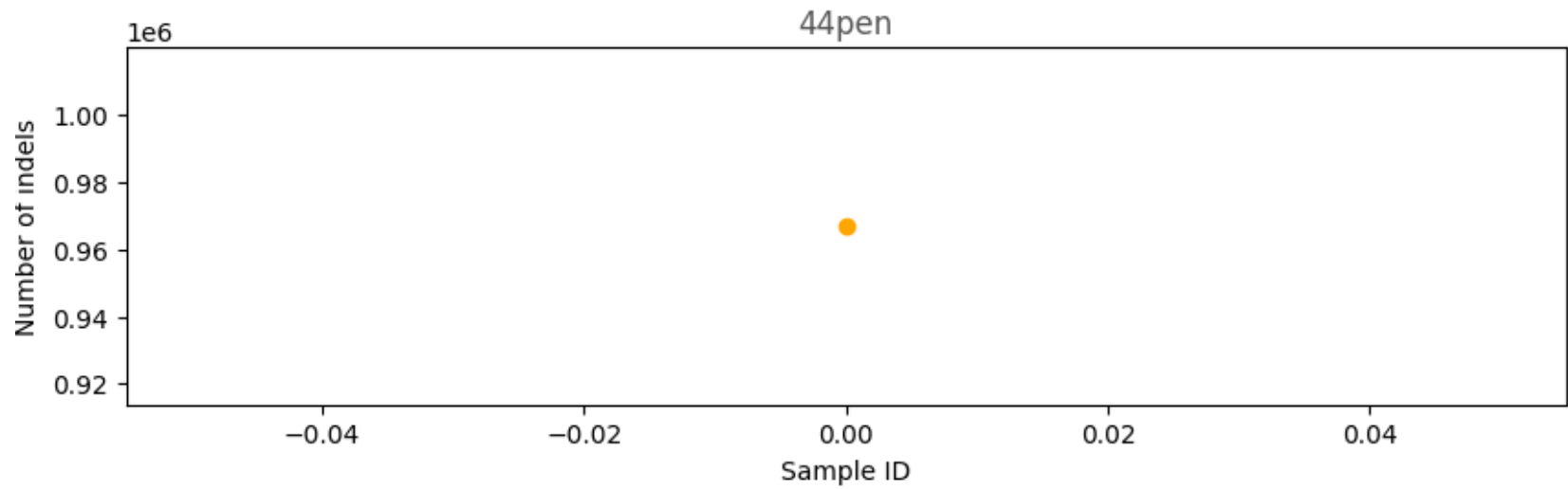
Average depth by sample



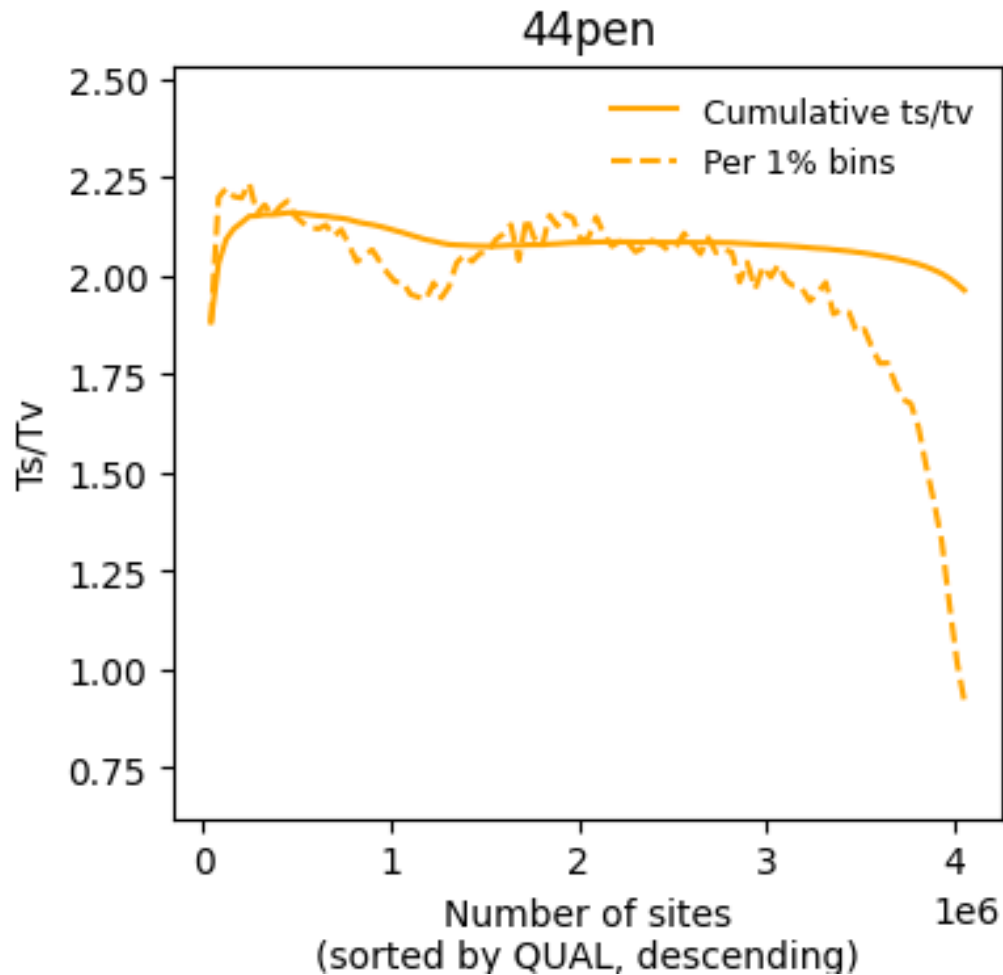
Number of SNPs by sample



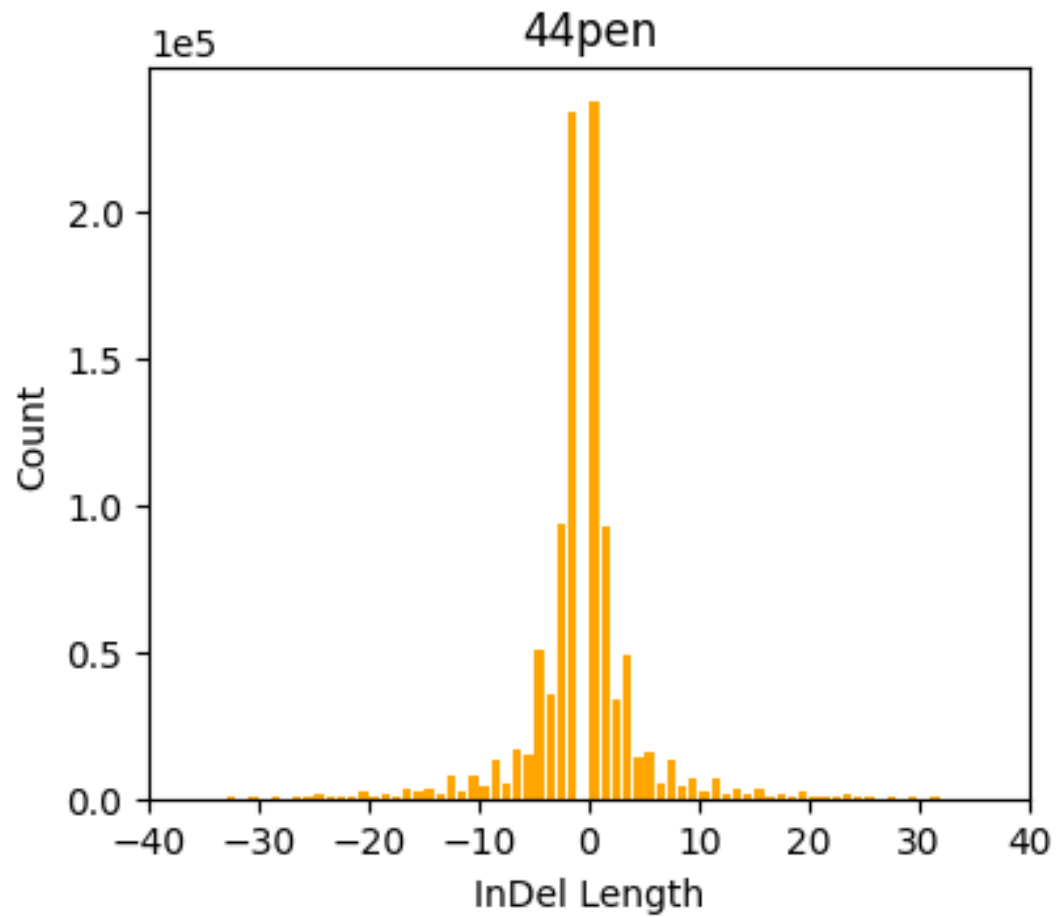
Number of indels by sample



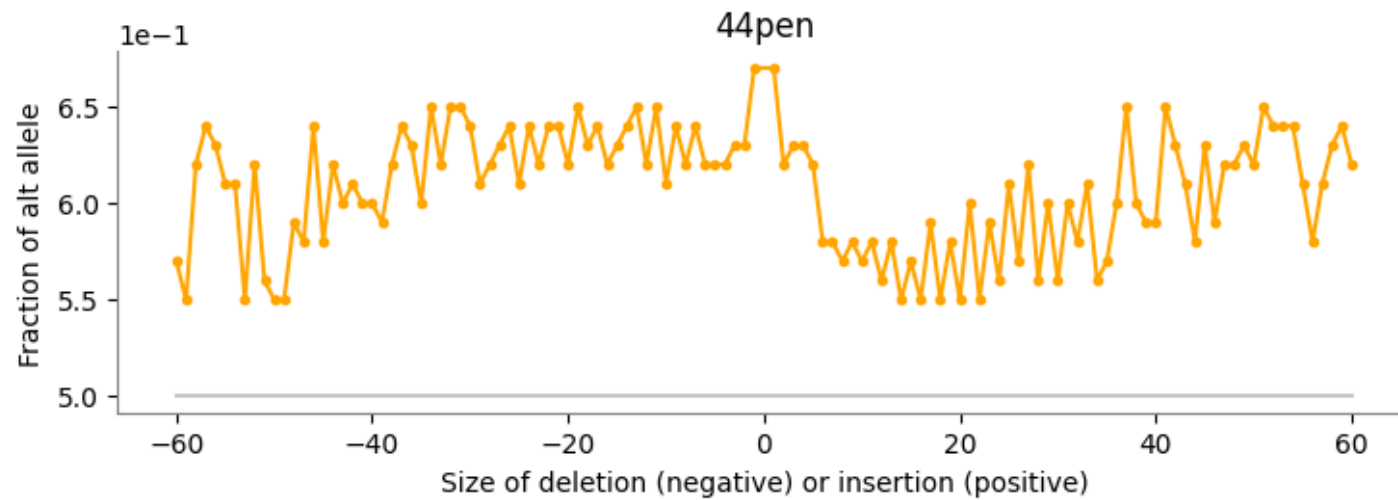
Ts/Tv stratified by QUAL



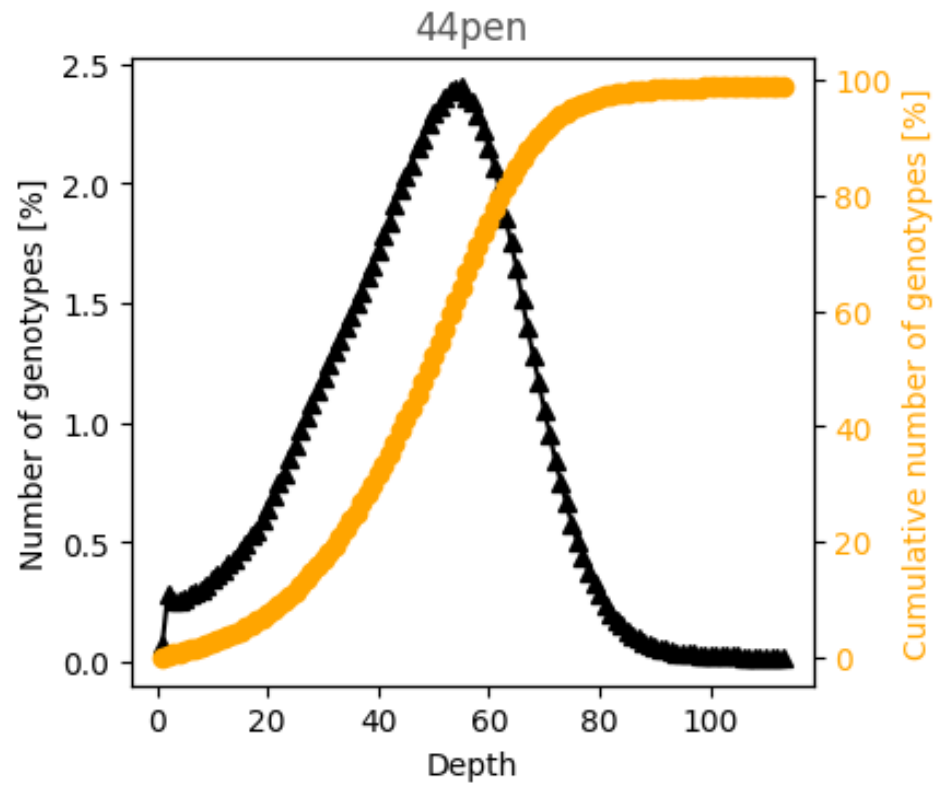
Indel distribution



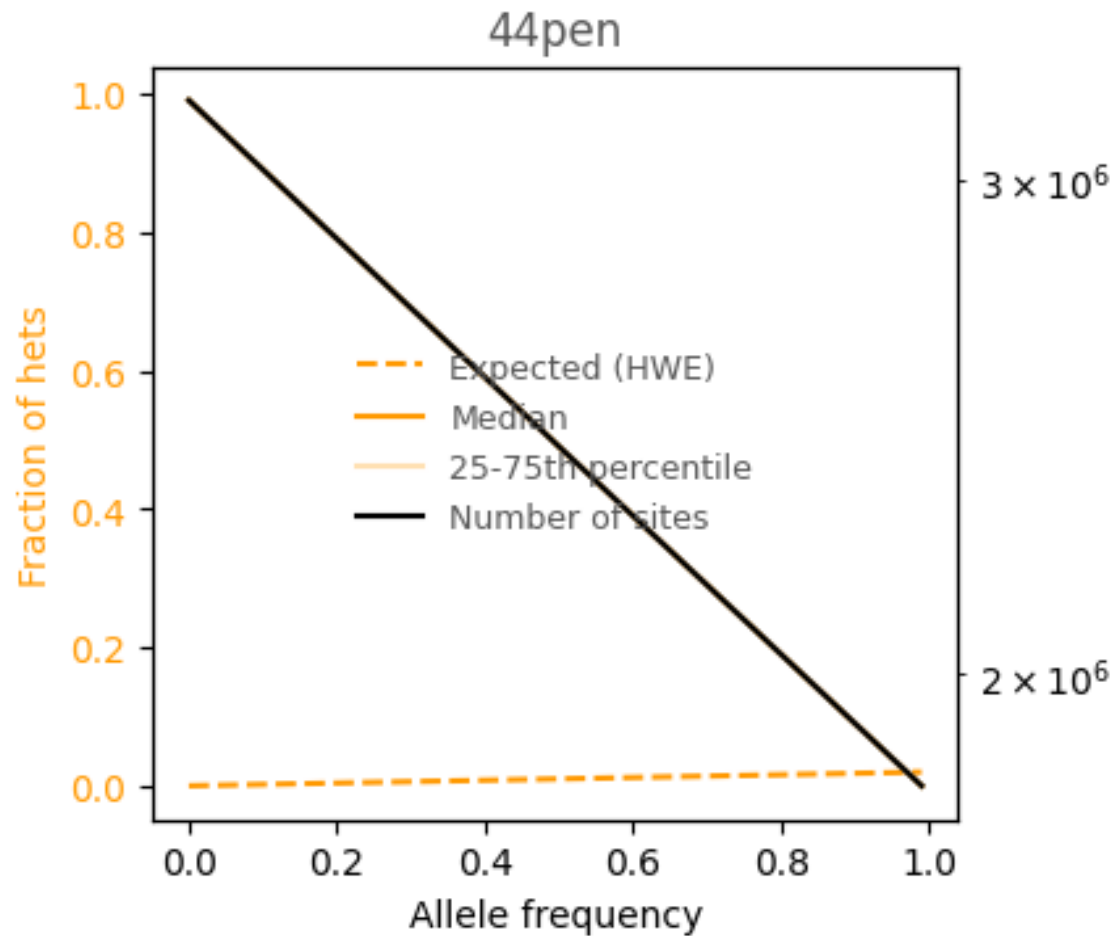
Fraction of alternate indel allele



Depth distribution



Number of HETs by AF



Substitution types

