

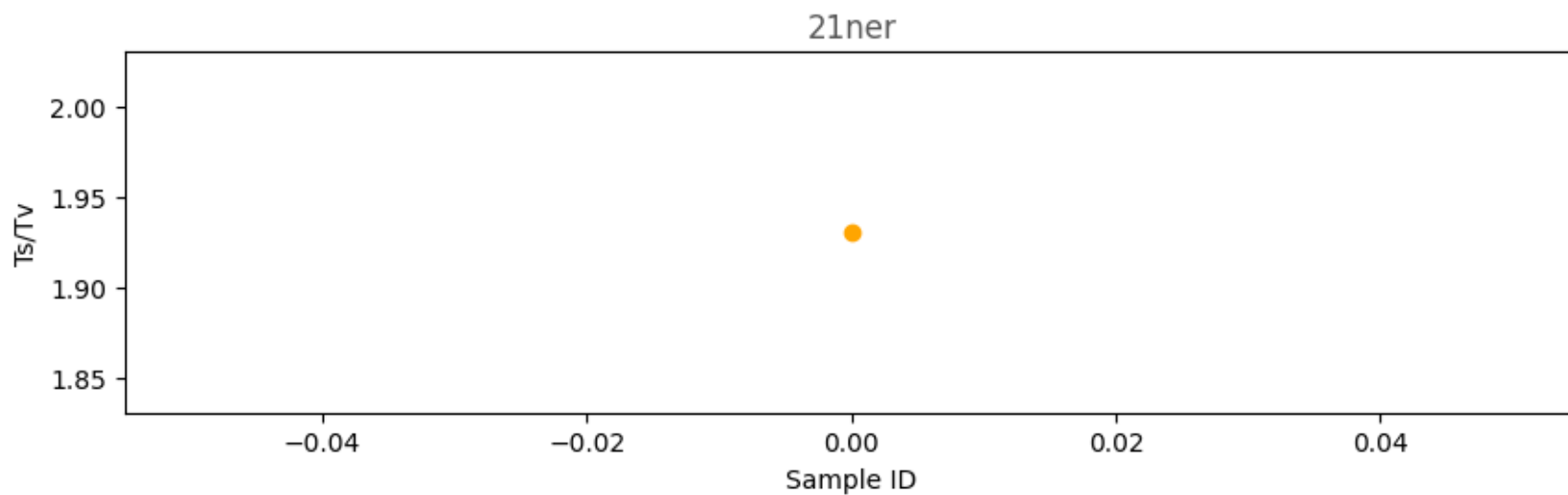
Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
21ner	4,183,012	1.93	1.94	970,522	–	0	0
* frameshift ratio: out/(out+in)							

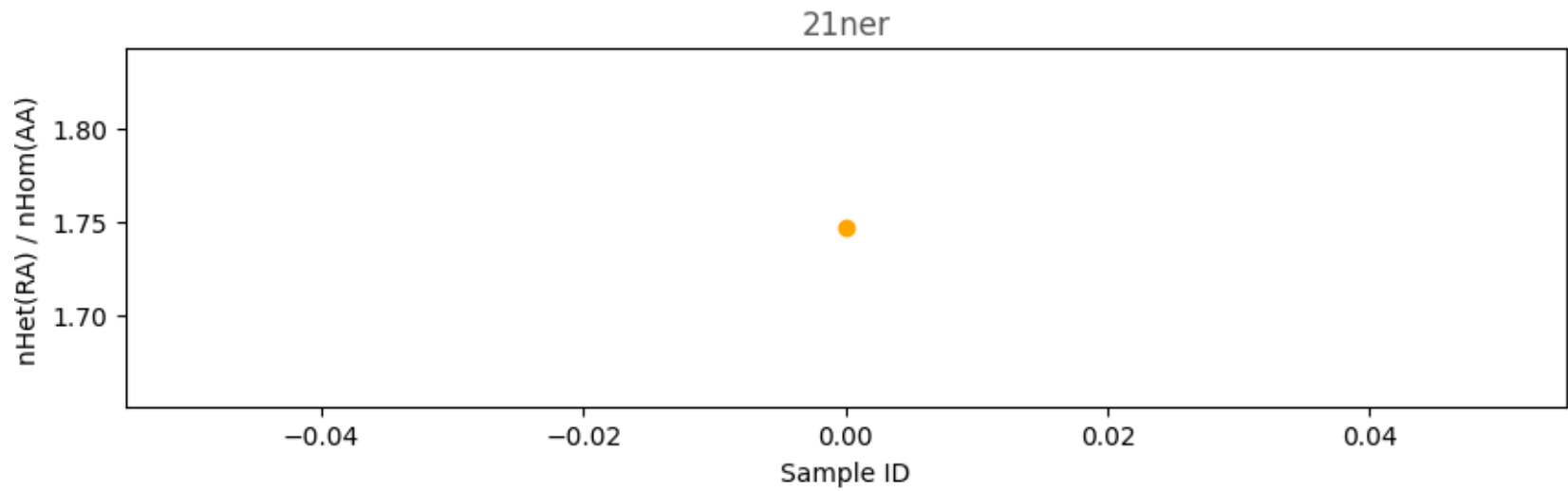
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
21ner	63.6%	1.90	68.2%	103,475	2,077

- 21ner .. /ngc/projects2/gm/data/archive/2022/variants/snv/21nereerm-103872858127-Normal_B
 lood_noinfo-WGS_v1_IlluminaDNAPCRFree_X-220520_A01411_AHJ5GHDSX3-RHGM_LABKA_WGSA
 KUT-WGSAKUT04302_22RKG012083x01_snv_germline_raw.haplotype_caller.vcf.gz

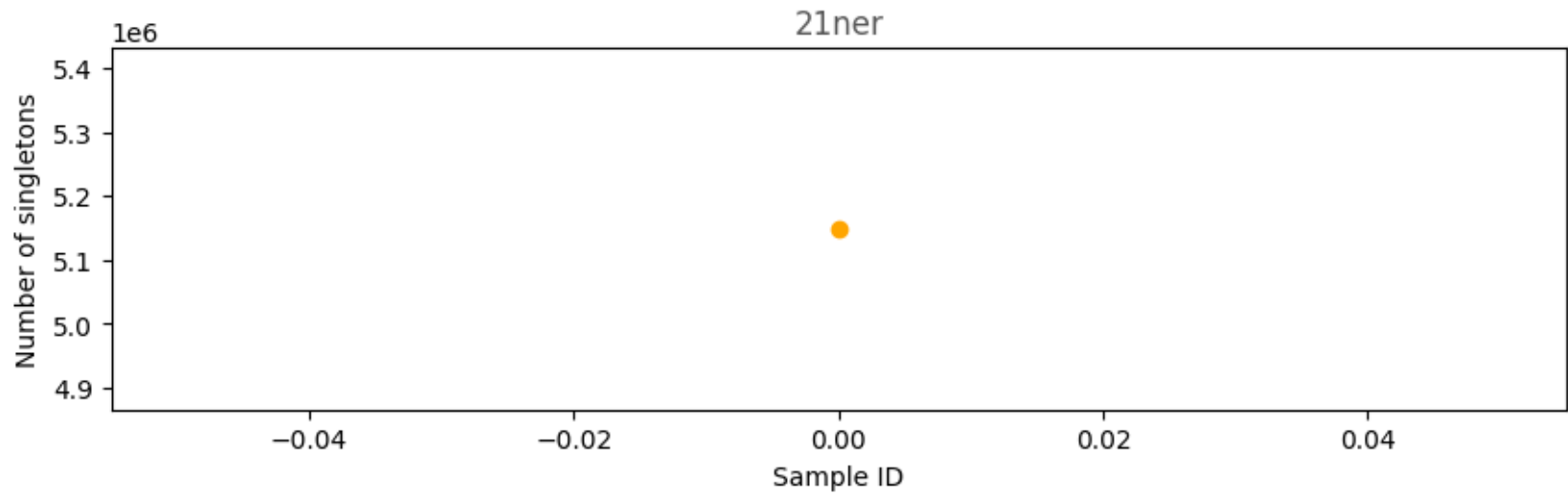
Ts/Tv by sample



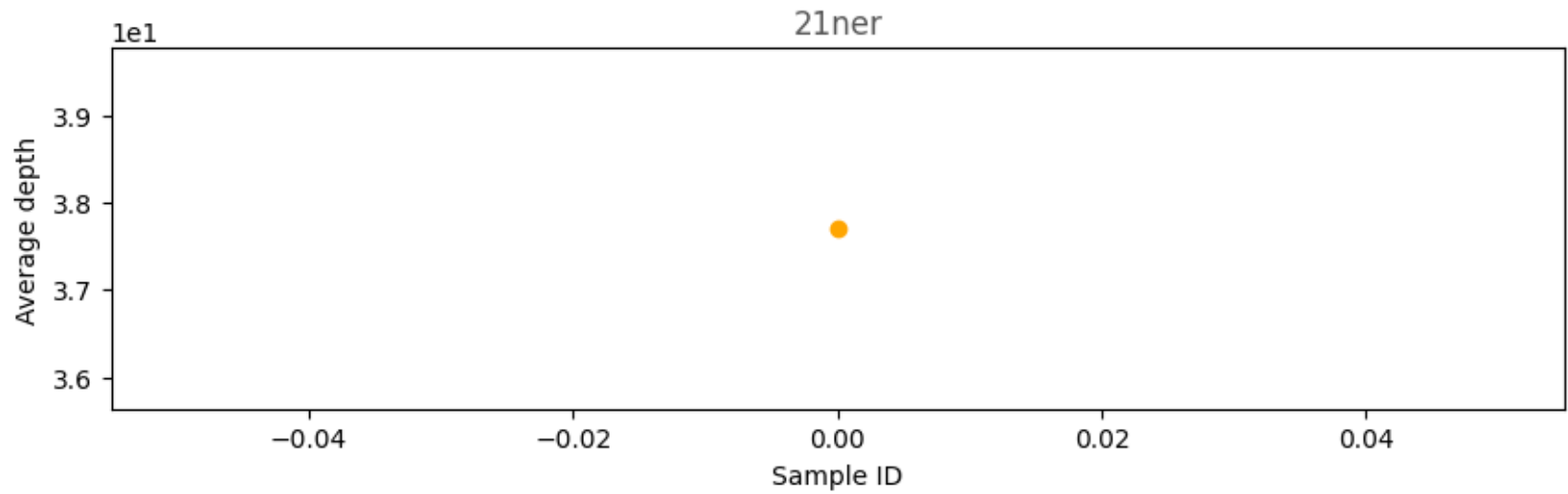
Hets vs non-ref Homs by sample



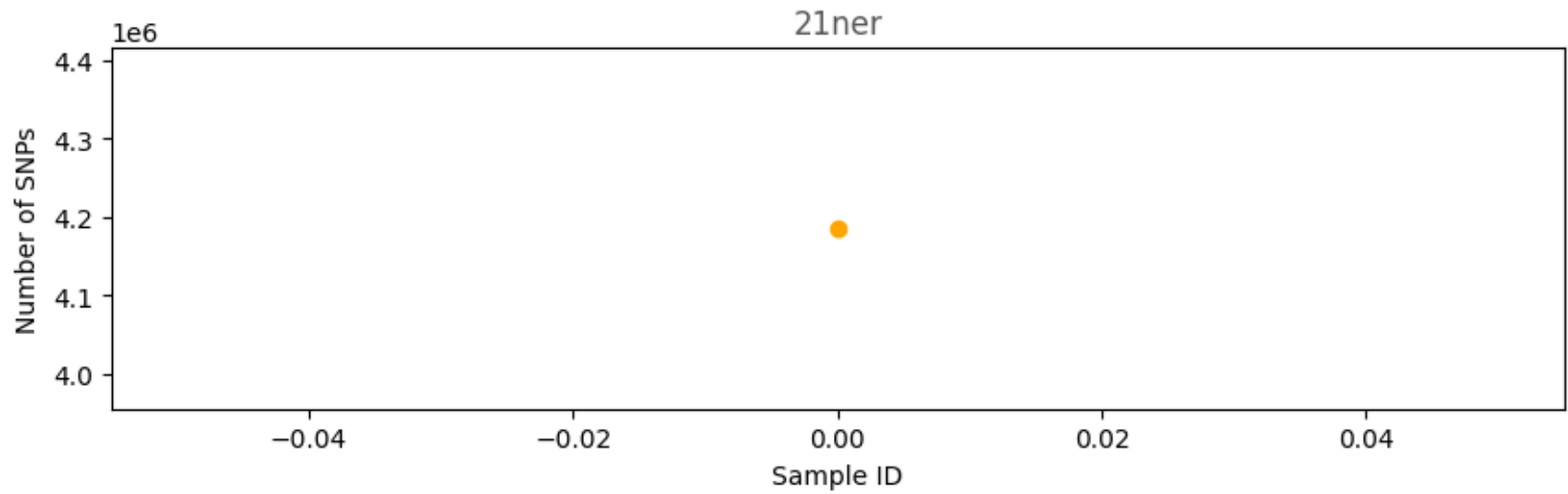
Singletons by sample (hets and homs)



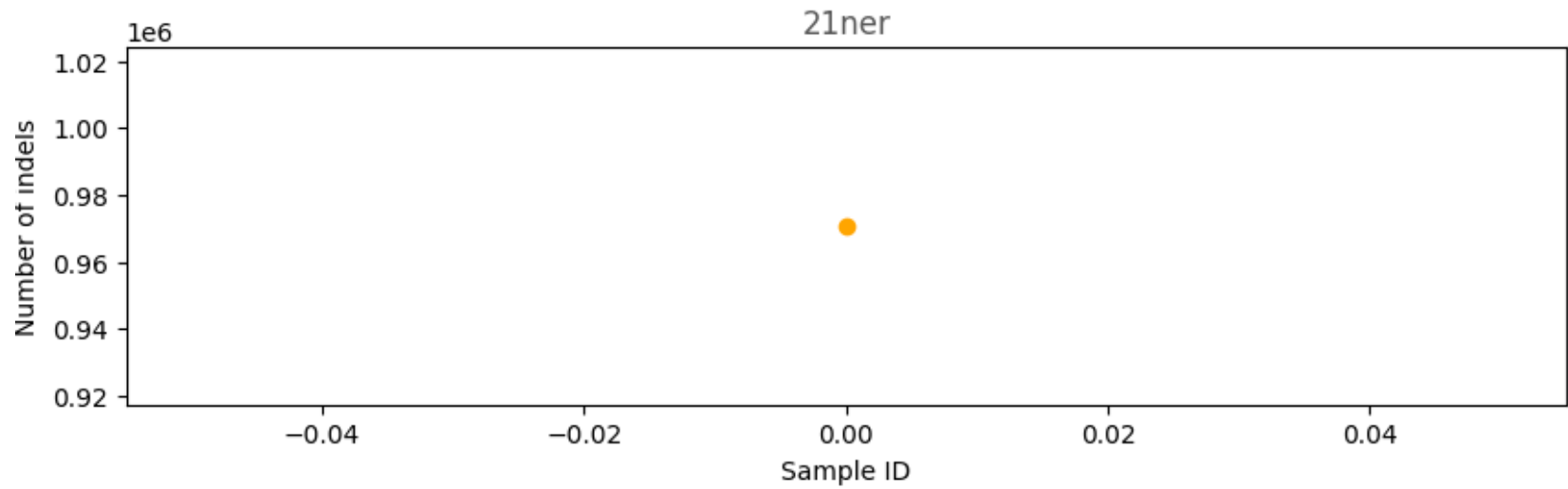
Average depth by sample



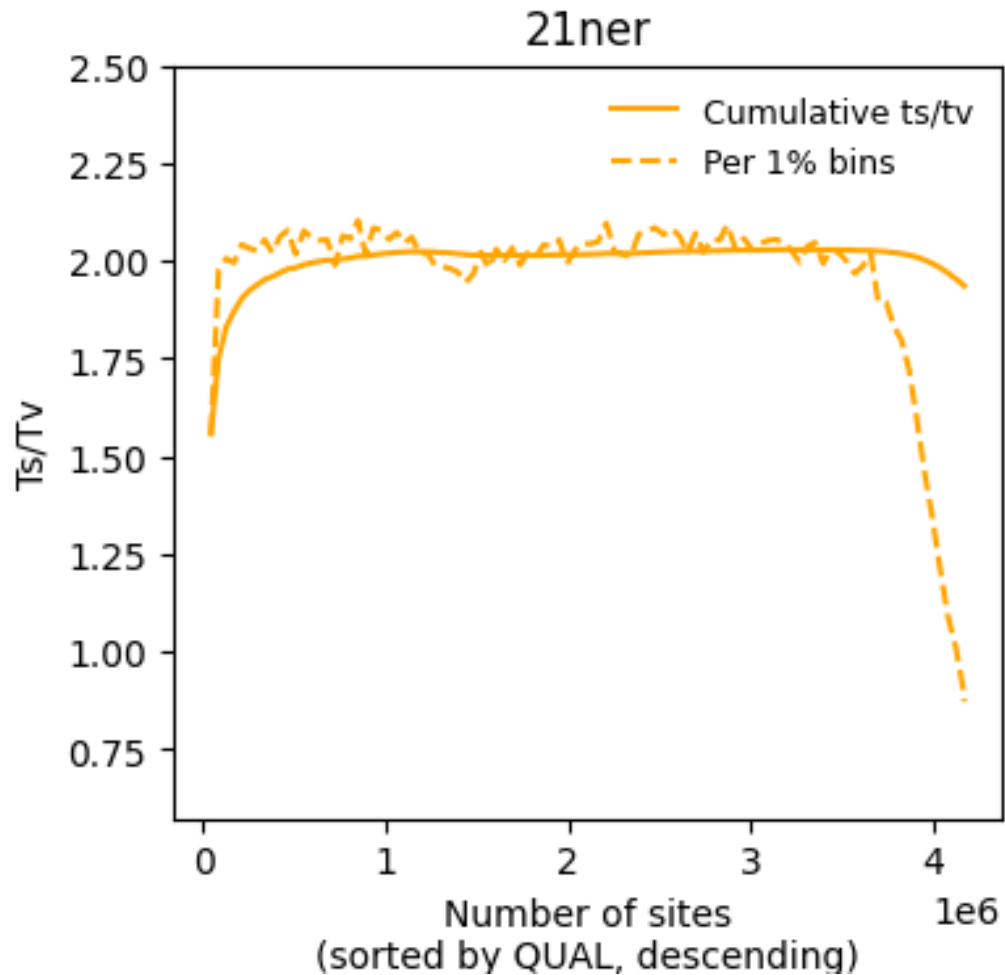
Number of SNPs by sample



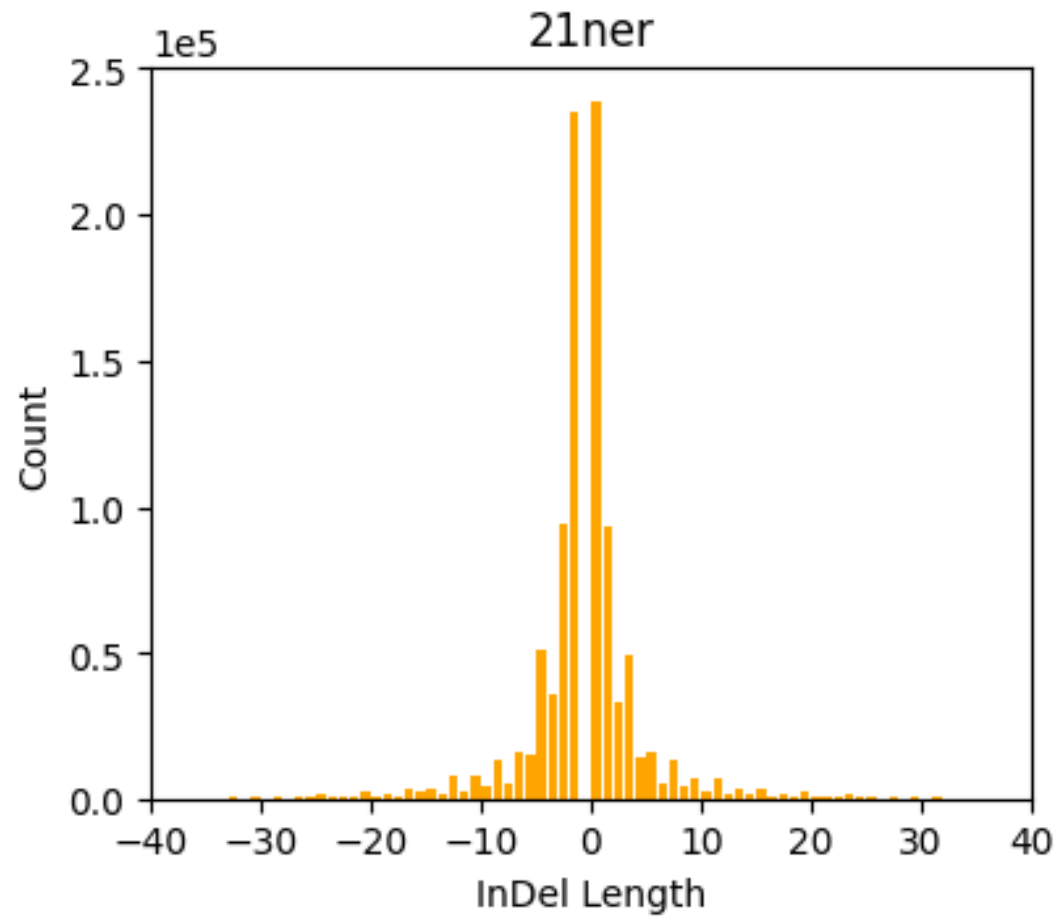
Number of indels by sample



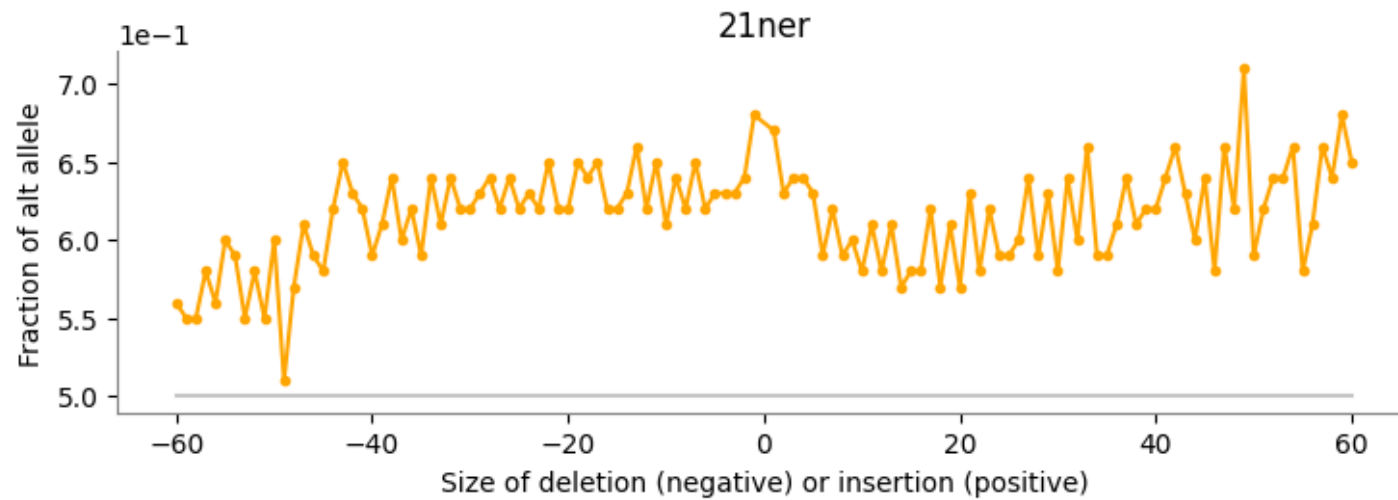
Ts/Tv stratified by QUAL



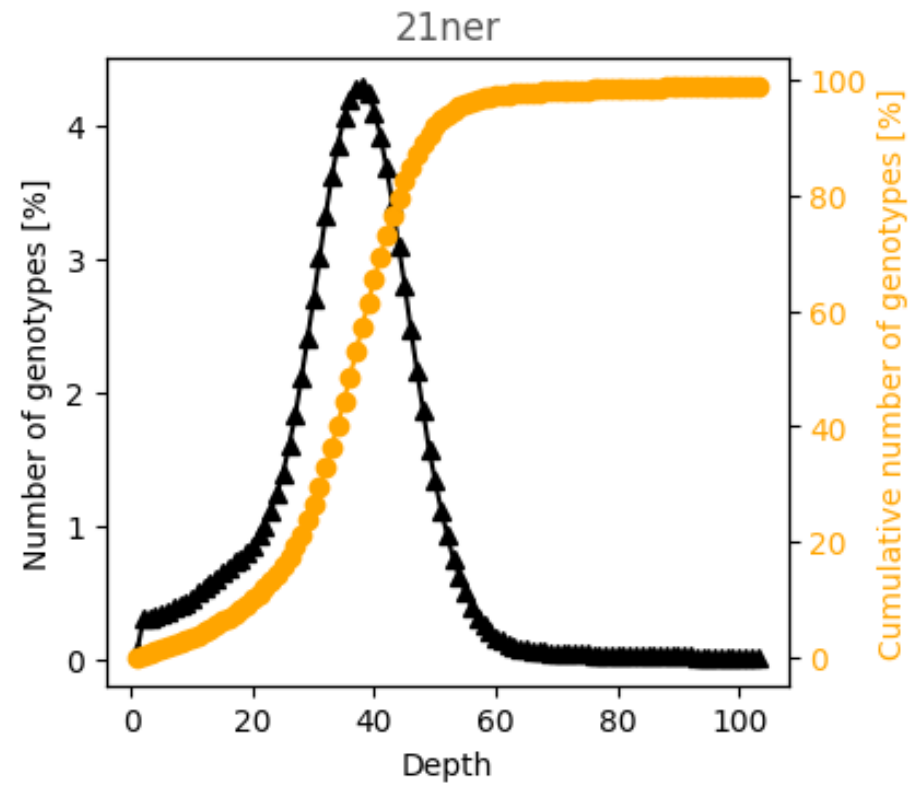
Indel distribution



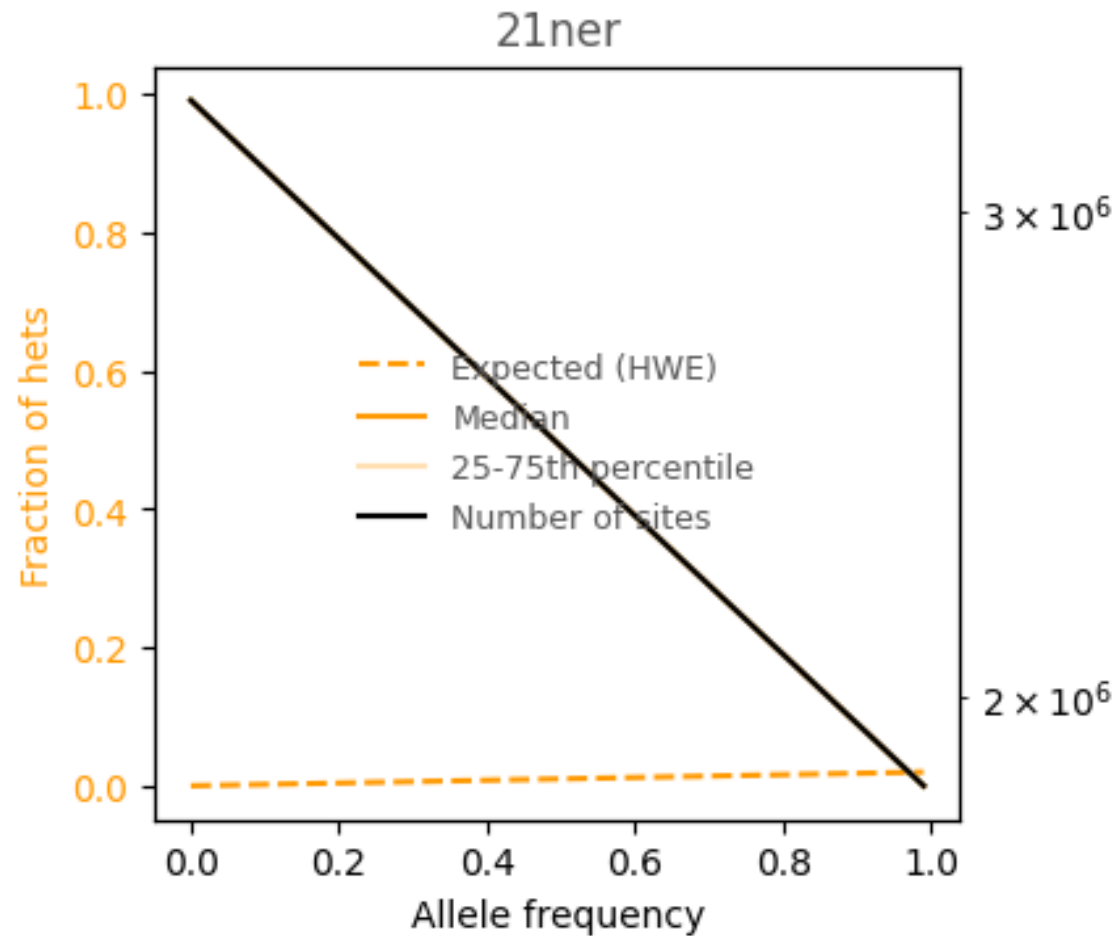
Fraction of alternate indel allele



Depth distribution



Number of HETs by AF



Substitution types

