

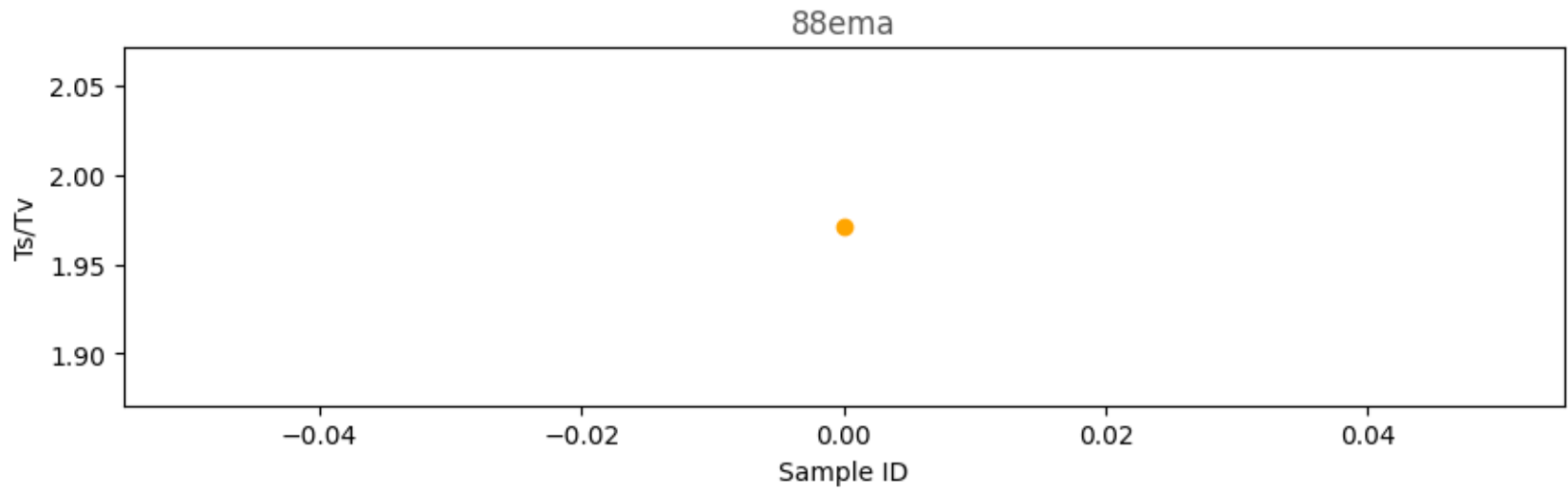
Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
88ema	3,944,889	1.97	1.98	889,961	–	0	0
* frameshift ratio: out/(out+in)							

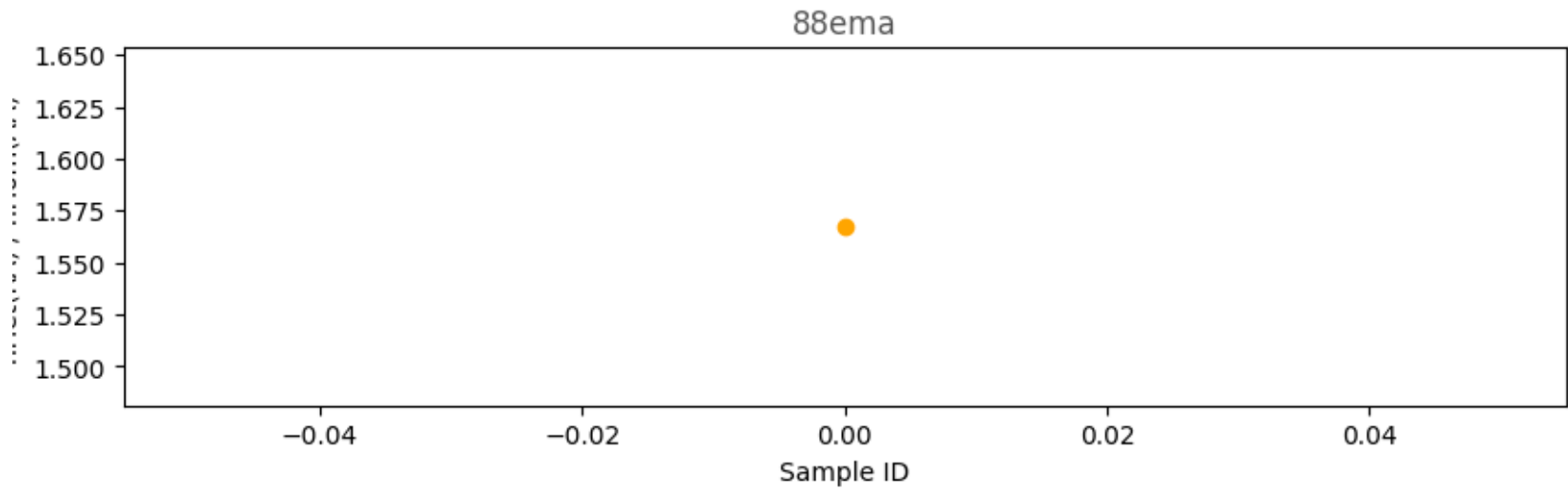
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
88ema	61.1%	1.95	63.1%	72,113	1,713

- 88ema .. /ngc/projects2/gm/data/archive/2022/variants/snv/88emarvem-103789555949-Normal_B
 lood_noinfo-WGS_v1_IlluminaDNAPCRFree_RHGM00584-220209_A01176_AHFHJTDSX3-EXT_LAB
 KA_NGCWGS-NGCWGS03771_snv_germline_raw.haplotype_caller.vcf.gz

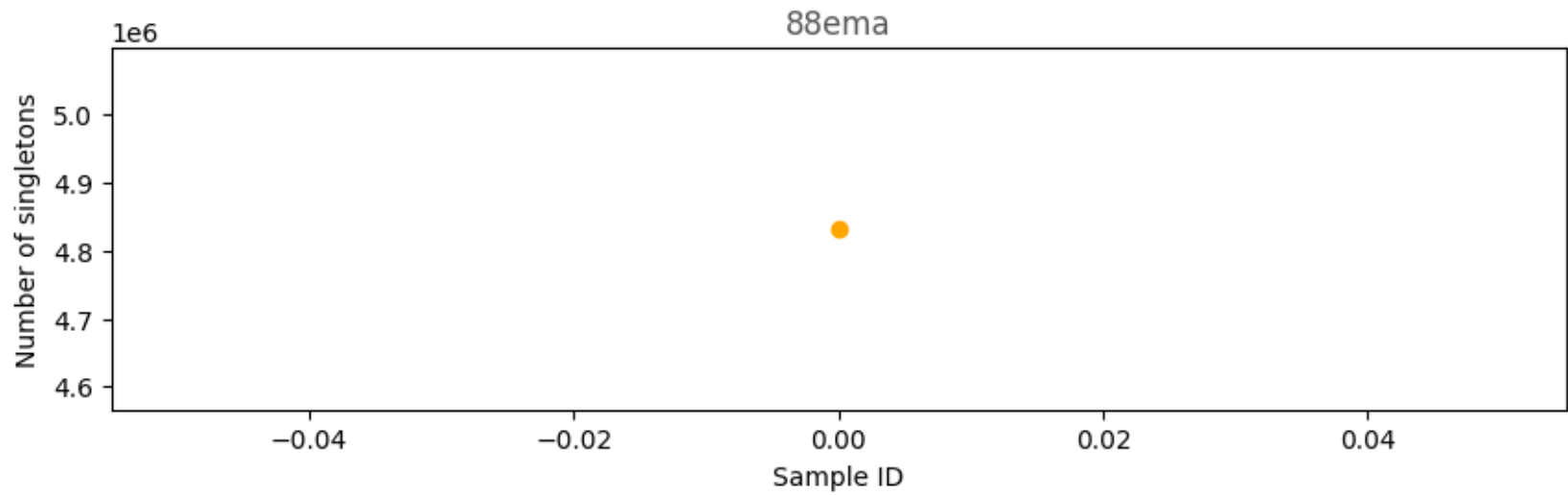
Ts/Tv by sample



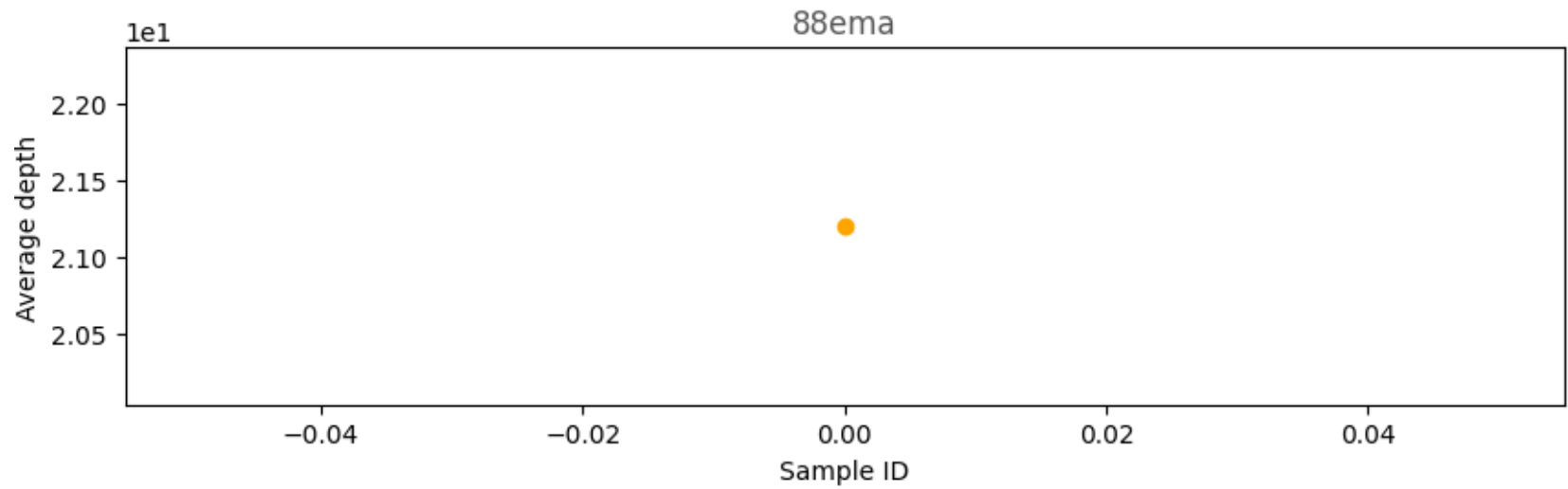
Hets vs non-ref Homs by sample



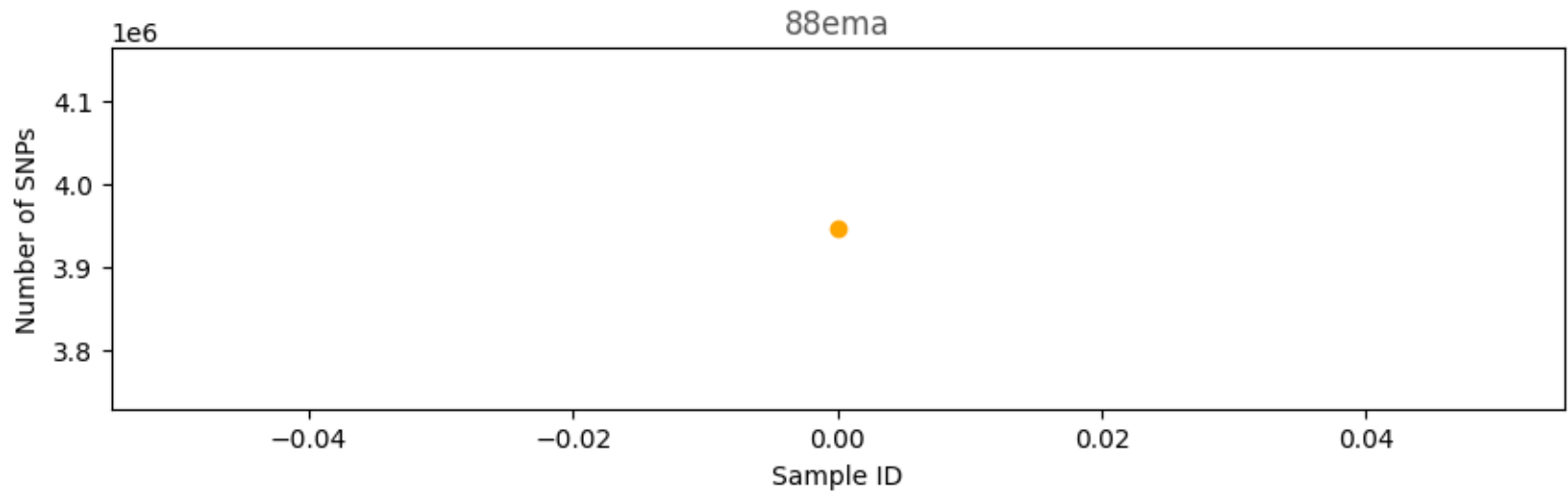
Singletons by sample (hets and homs)



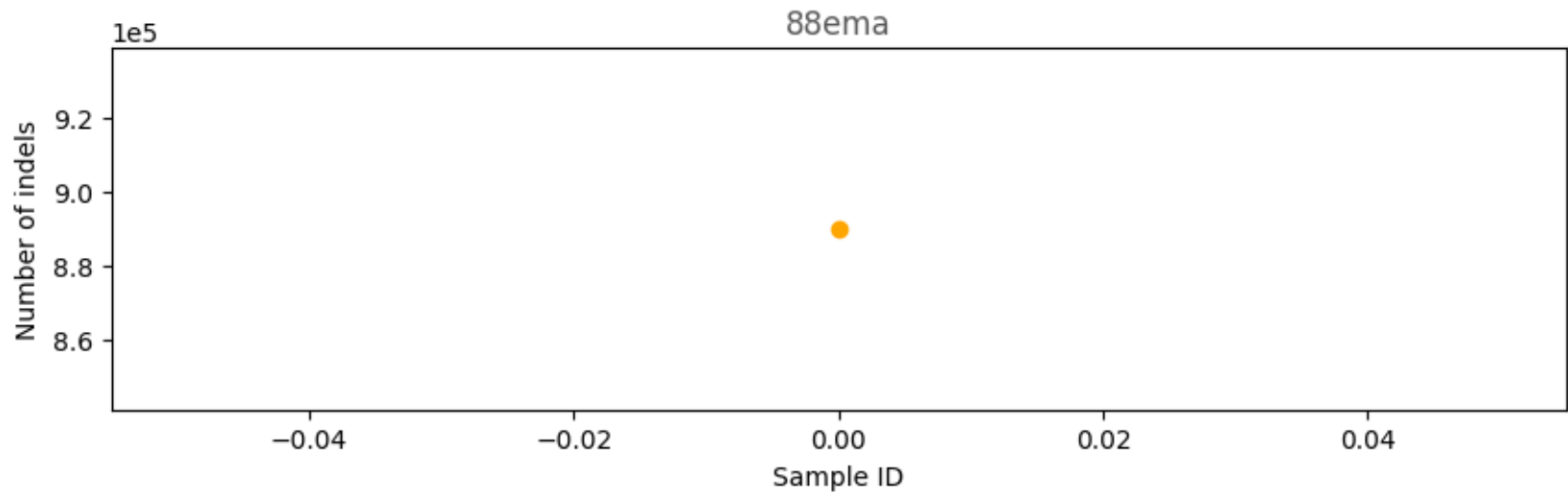
Average depth by sample



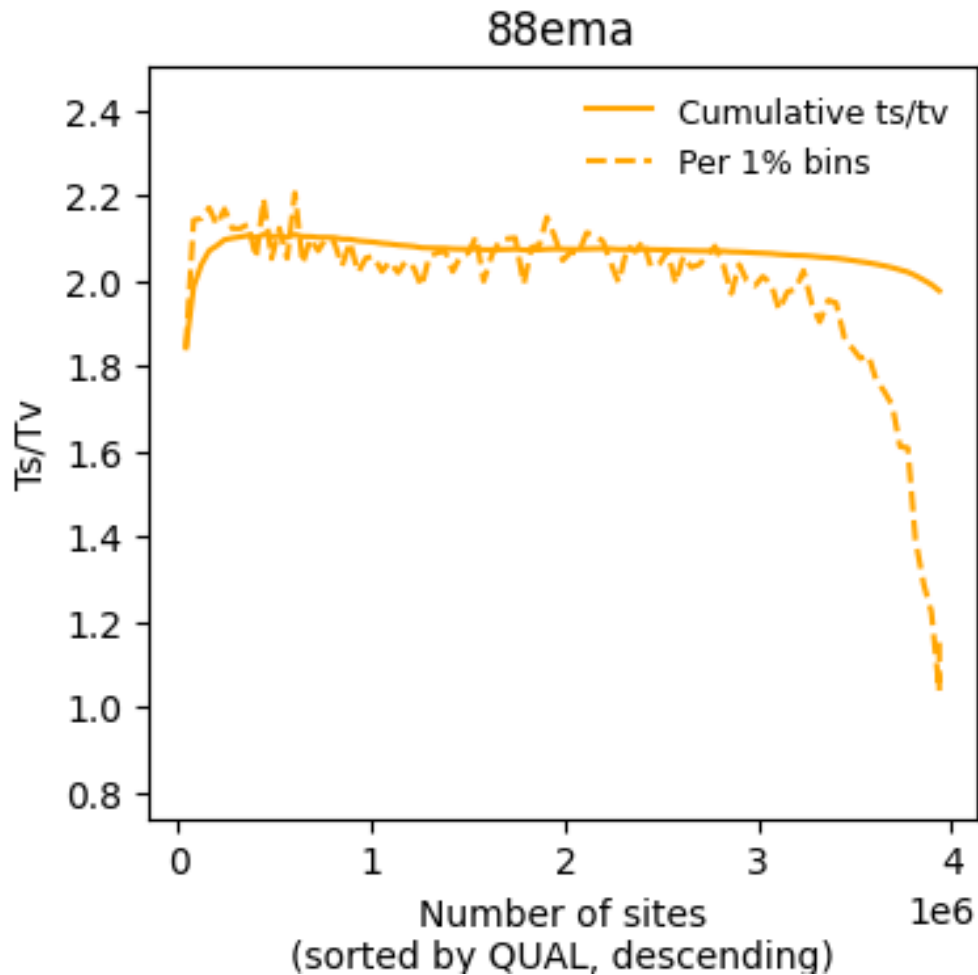
Number of SNPs by sample



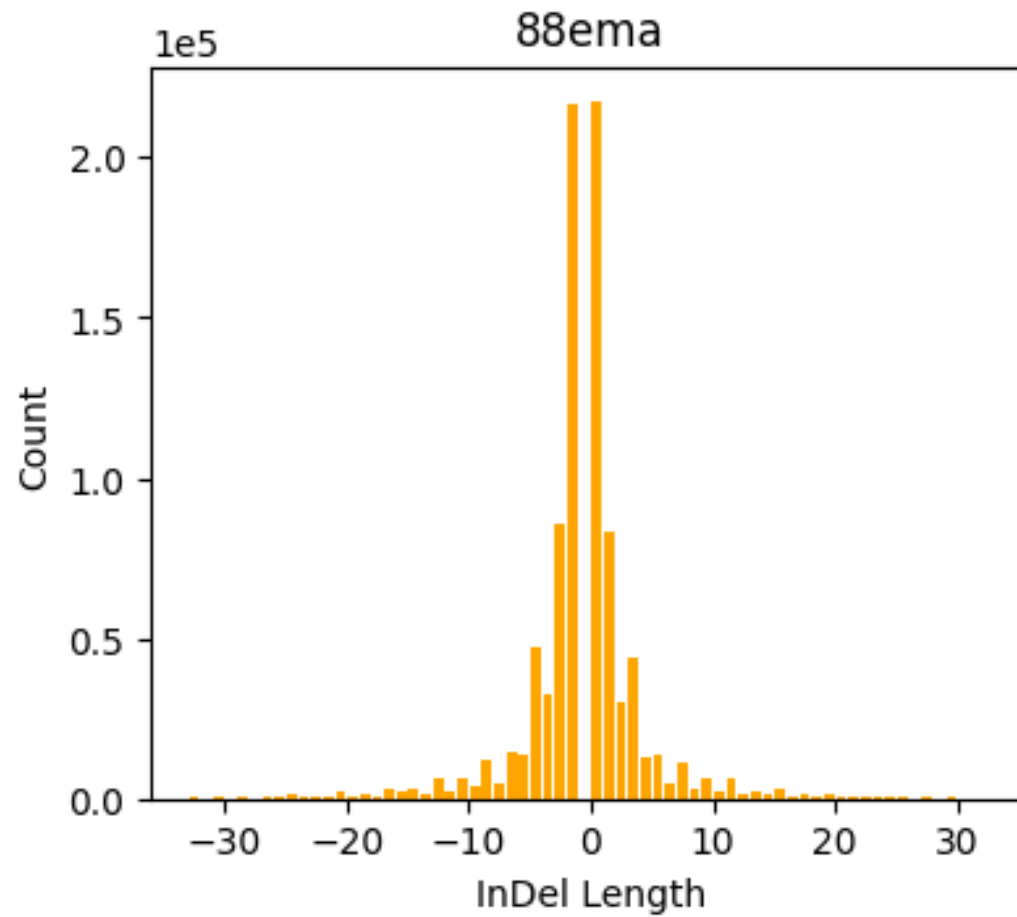
Number of indels by sample



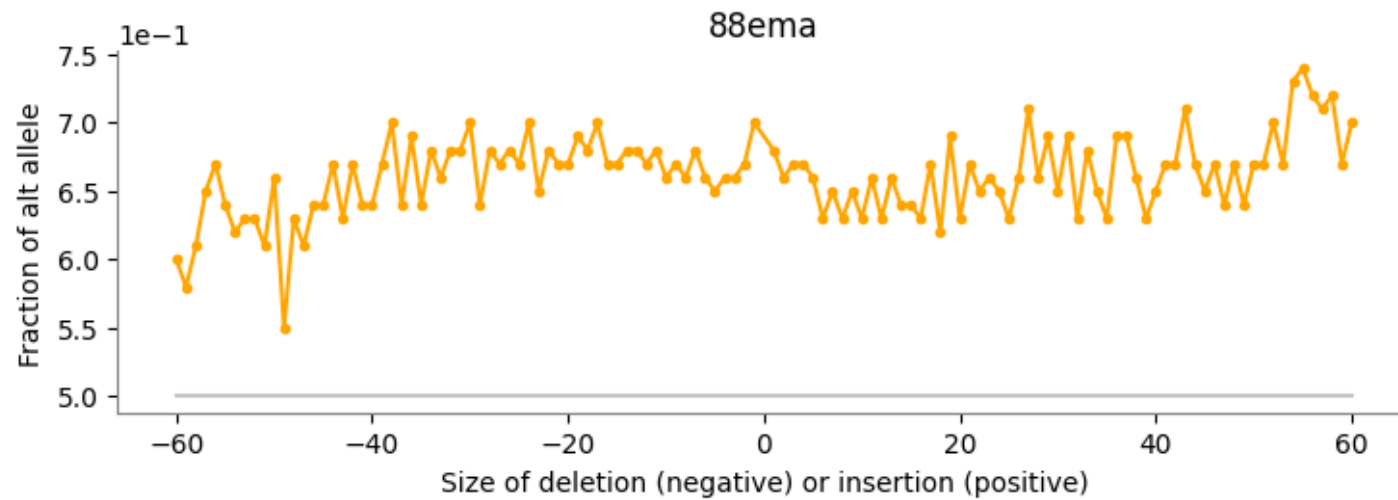
Ts/Tv stratified by QUAL



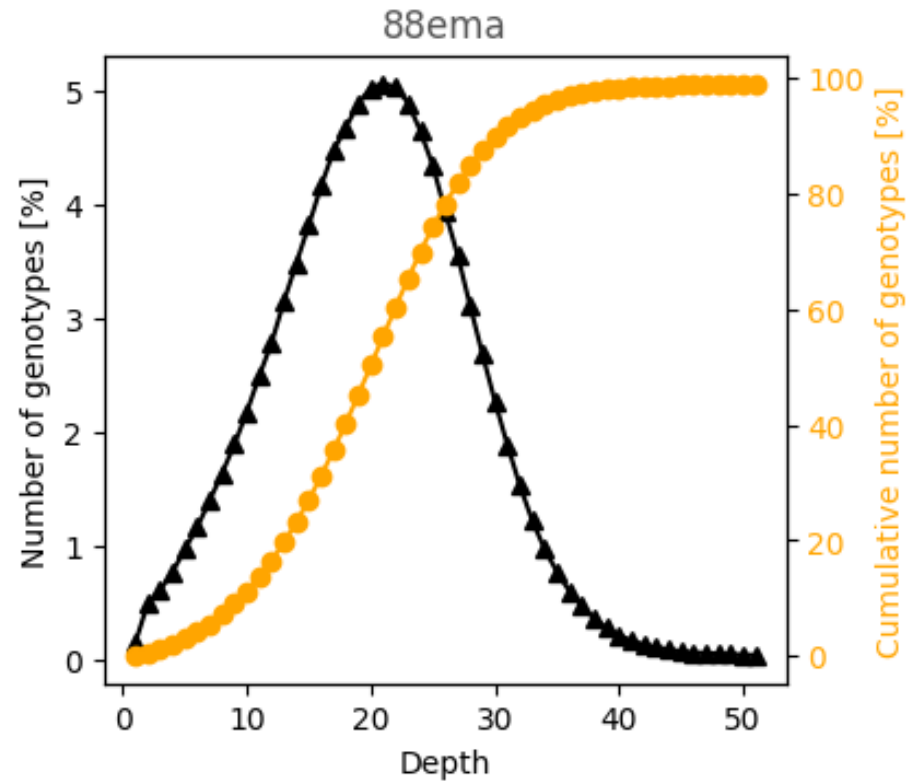
Indel distribution



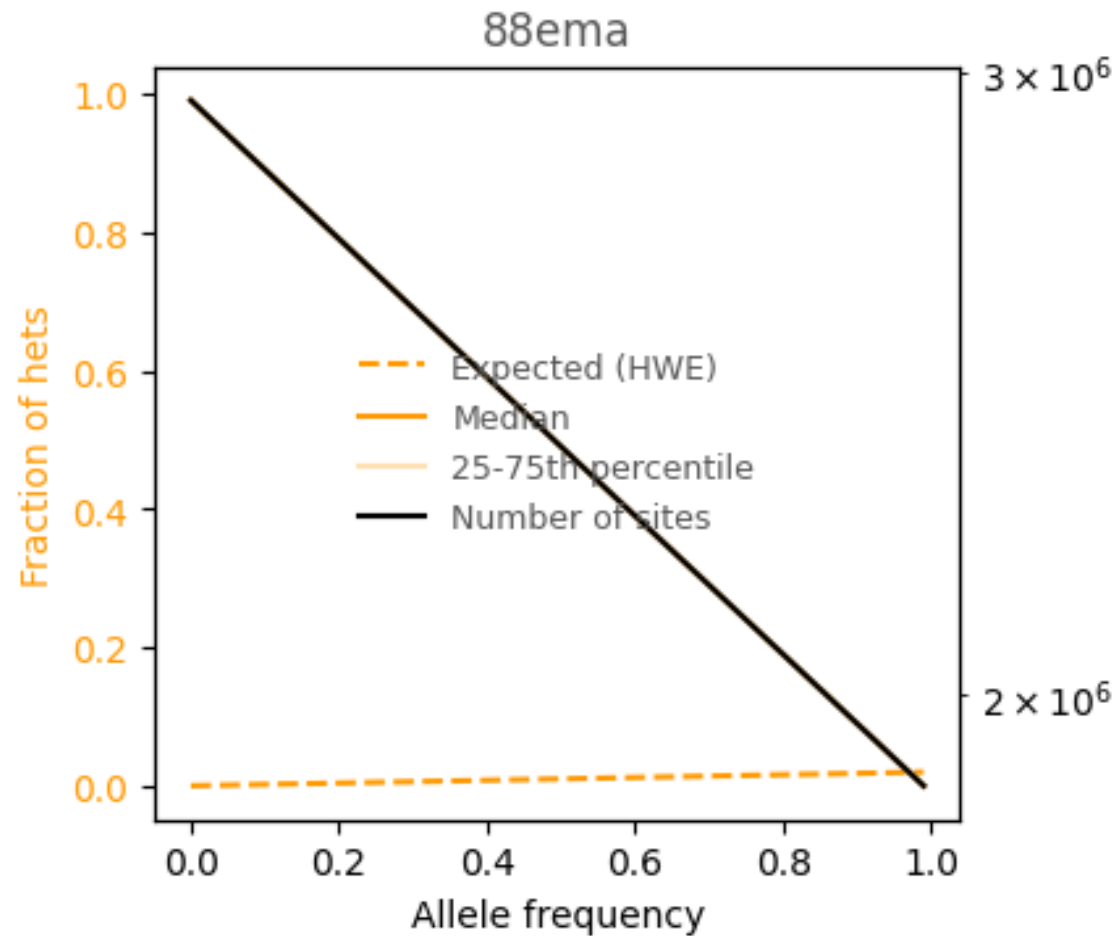
Fraction of alternate indel allele



Depth distribution



Number of HETs by AF



Substitution types

