

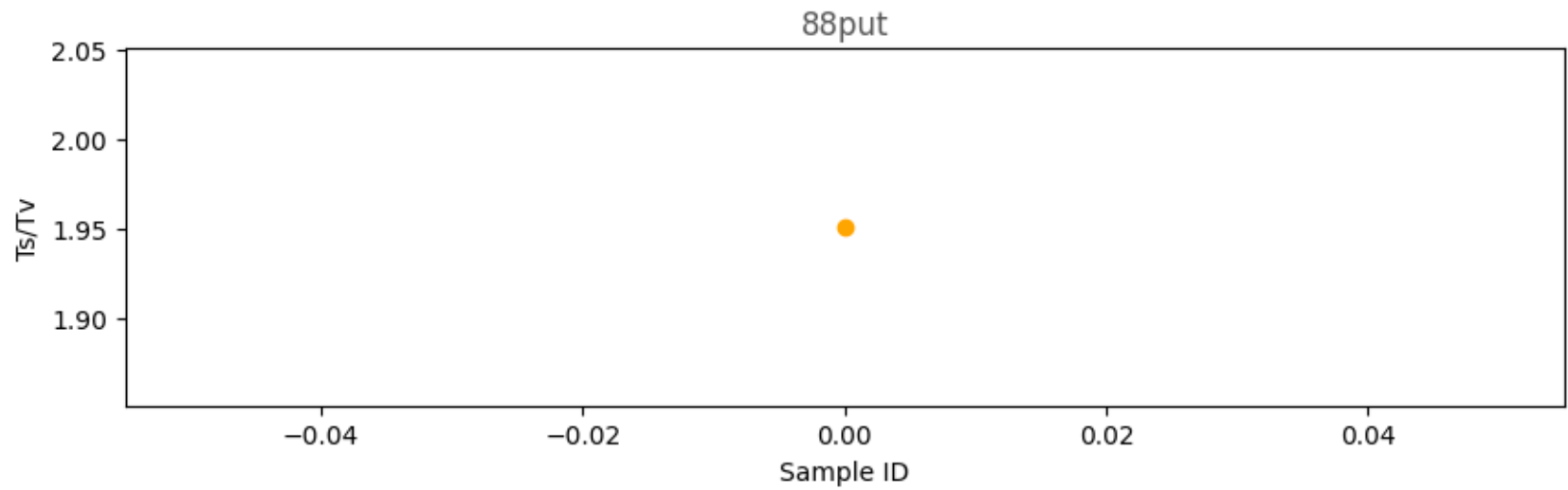
Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
88put	5,007,179	1.95	1.96	1,168,790	–	0	0
* frameshift ratio: out/(out+in)							

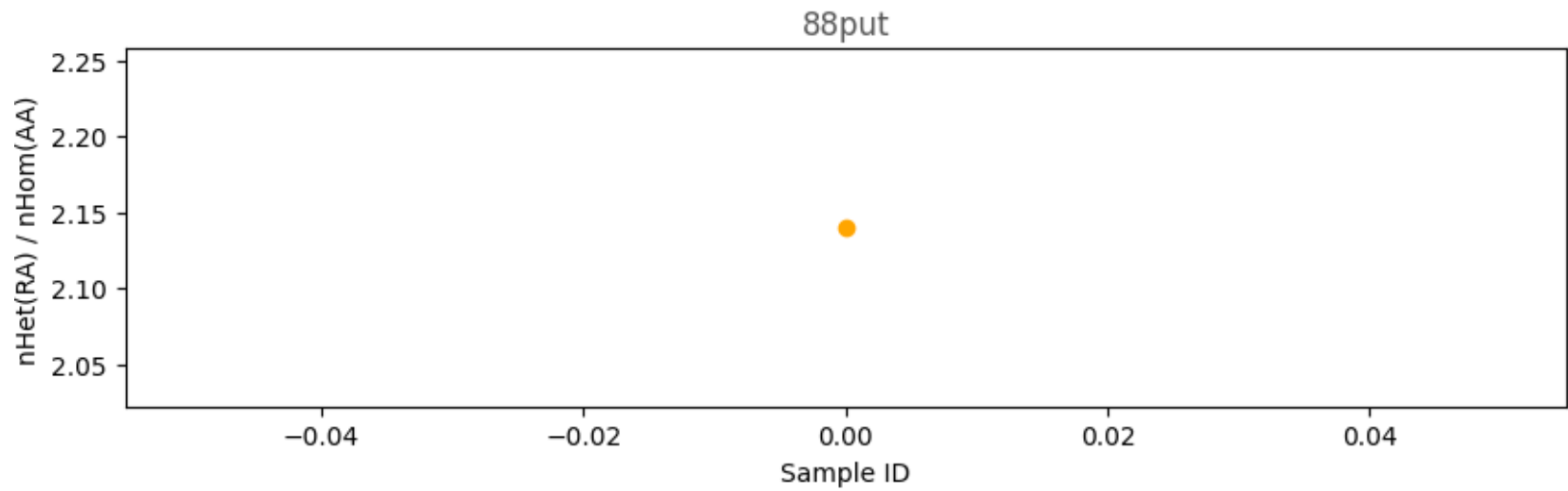
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
88put	68.2%	1.93	75.6%	165,922	3,101

- 88put .. /ngc/projects2/gm/data/archive/2022/variants/snv/88putanef-103736016377-Normal_Blood_noinfo-WGS_v1_IlluminaDNAPCRFree_RHGM00137-210510_A01176_AH5727DSX2-EXT_LAB
KA_NGCWGS-NGCWGS00052-887rgd8g4-snv_germline_raw.haplotype_caller.vcf.gz

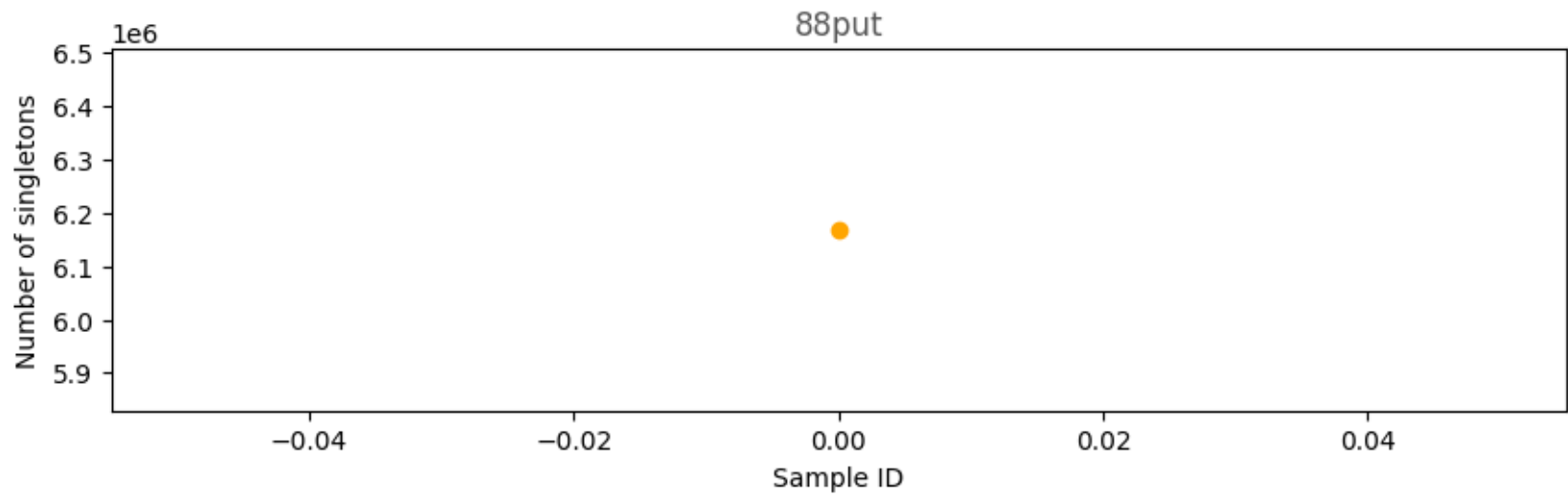
Ts/Tv by sample



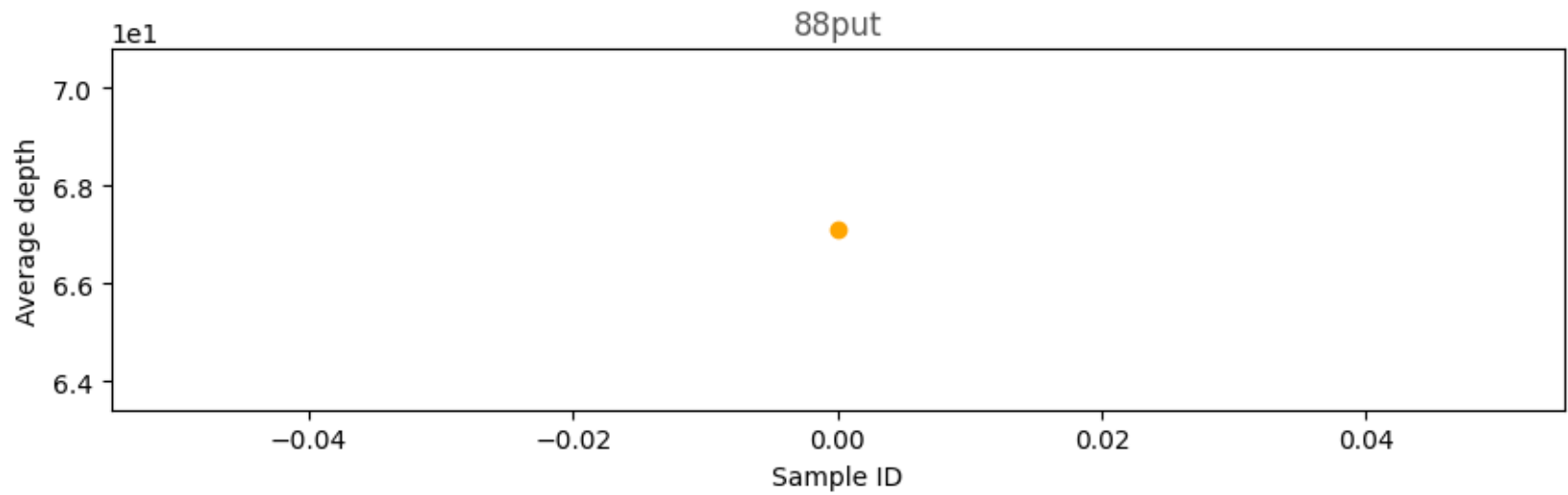
Hets vs non-ref Homs by sample



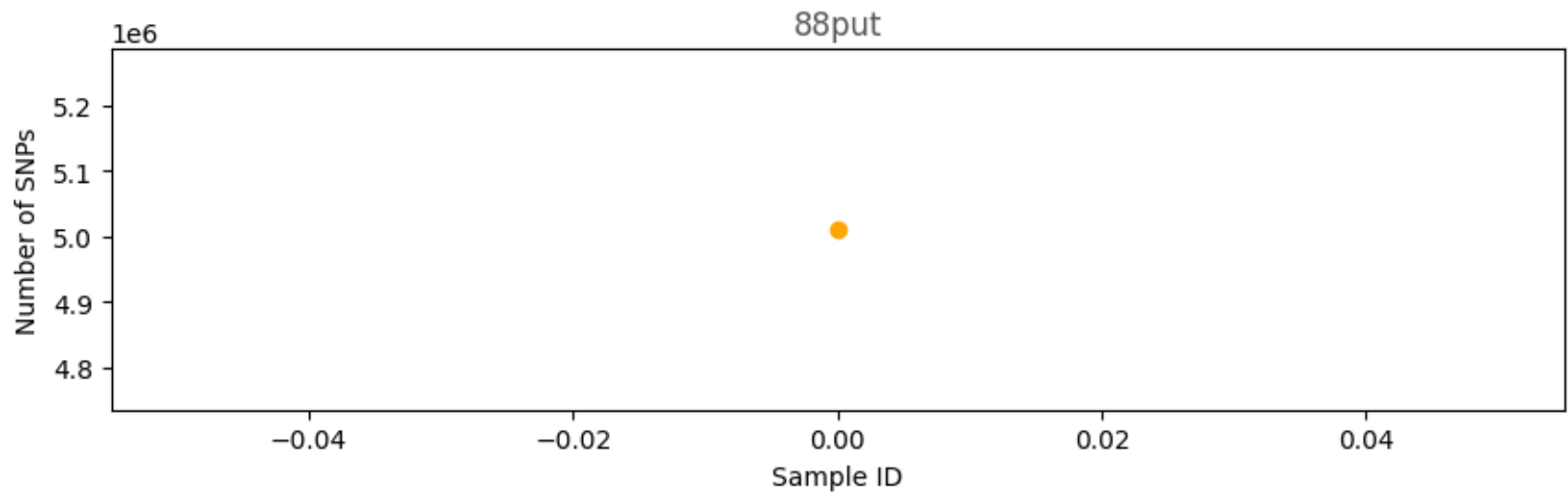
Singletons by sample (hets and homs)



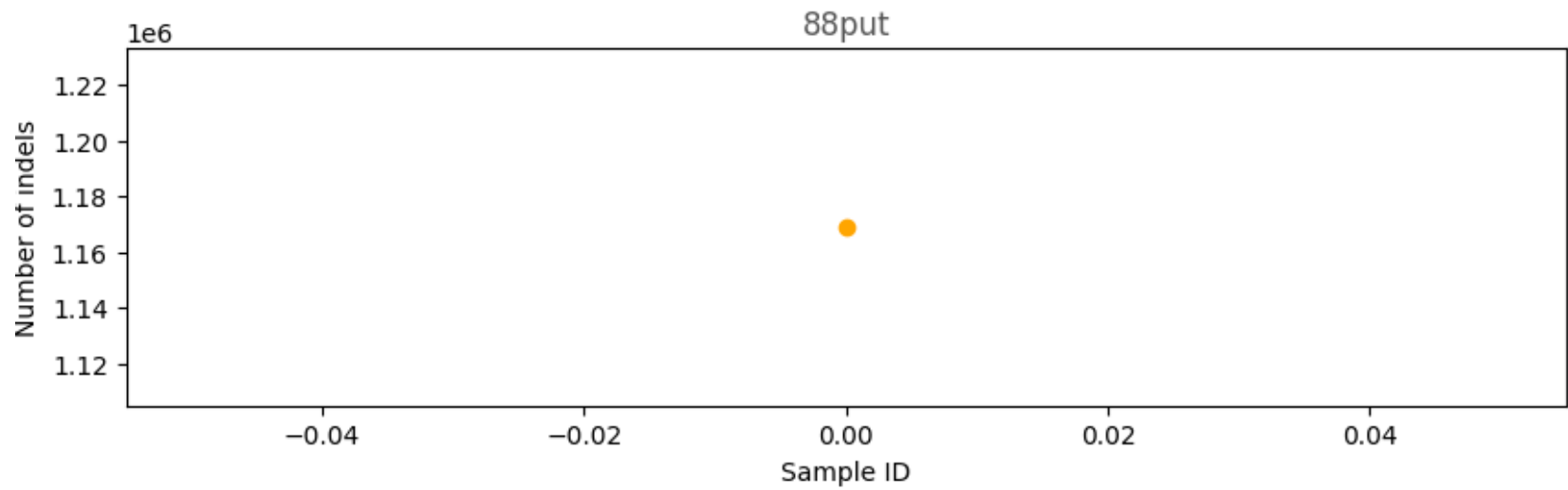
Average depth by sample



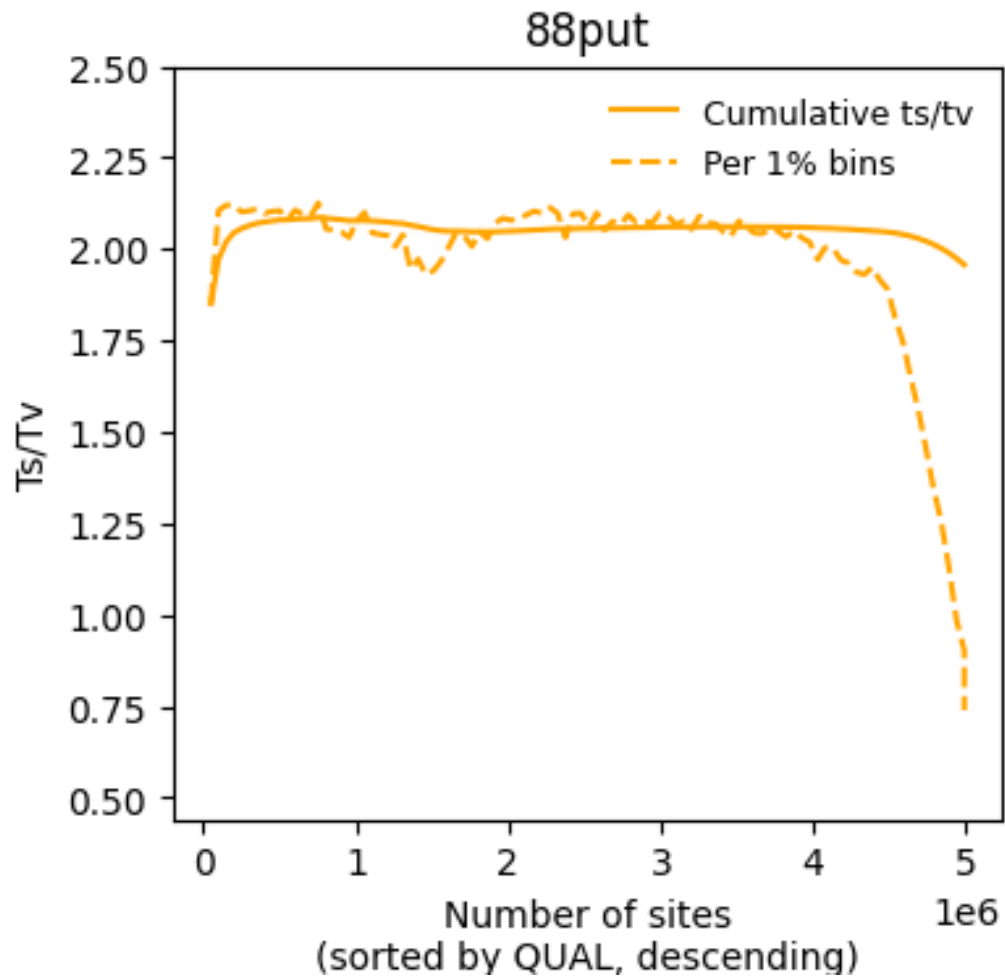
Number of SNPs by sample



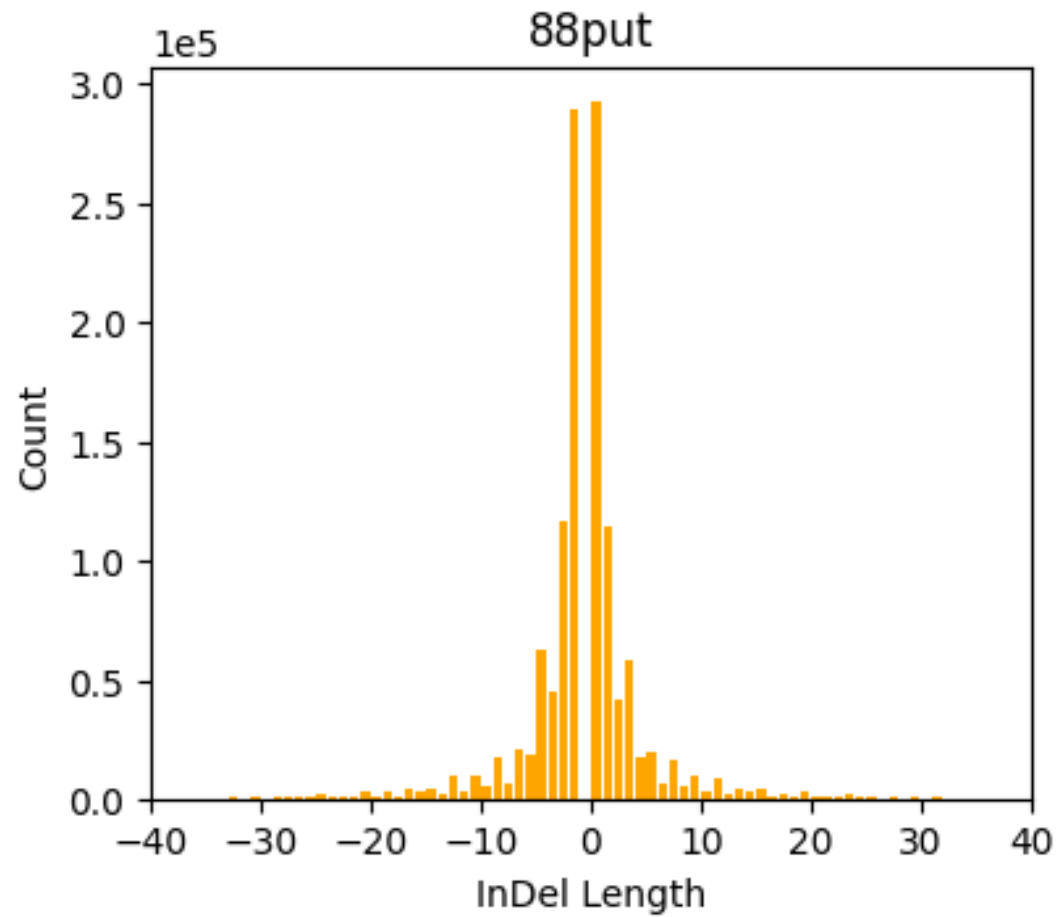
Number of indels by sample



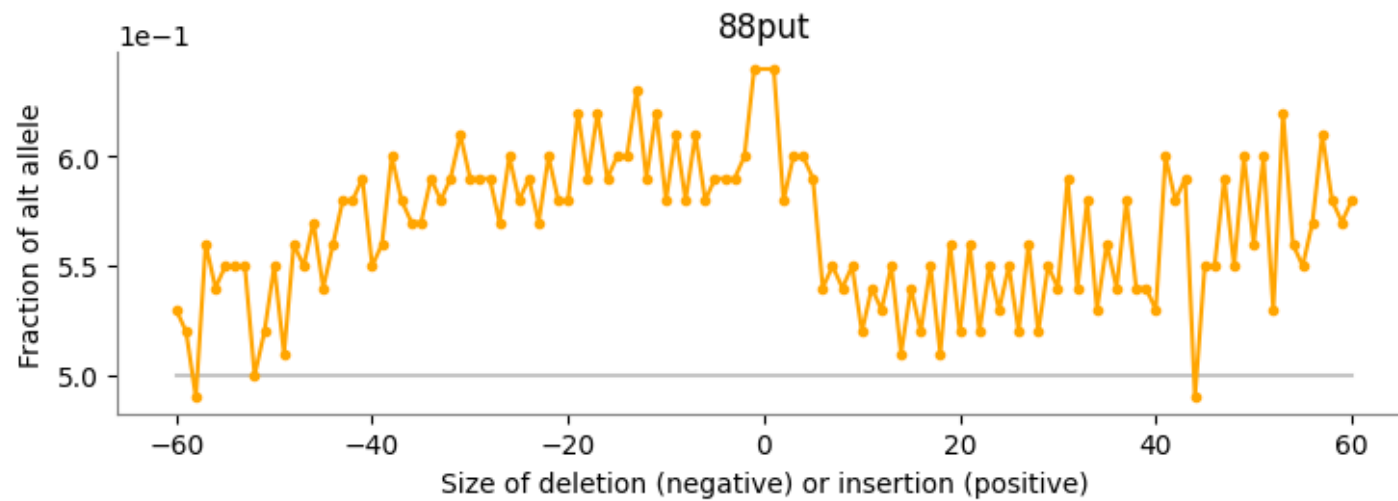
Ts/Tv stratified by QUAL



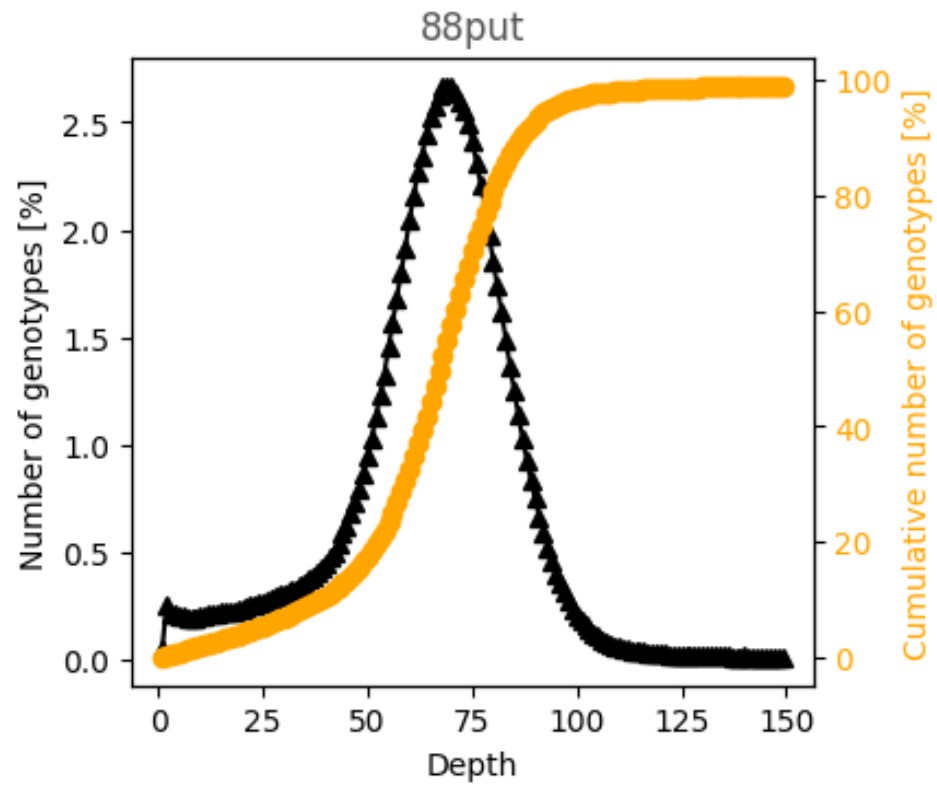
Indel distribution



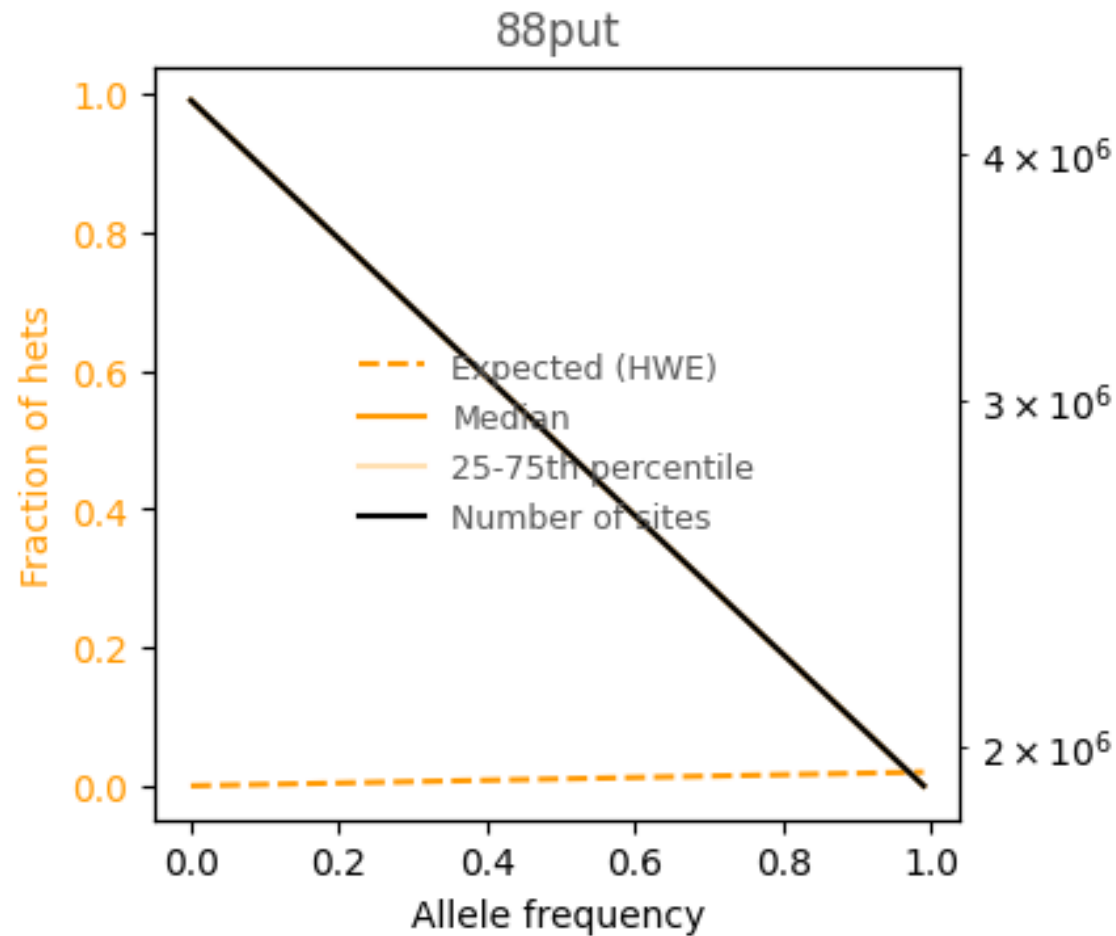
Fraction of alternate indel allele



Depth distribution



Number of HETs by AF



Substitution types

