

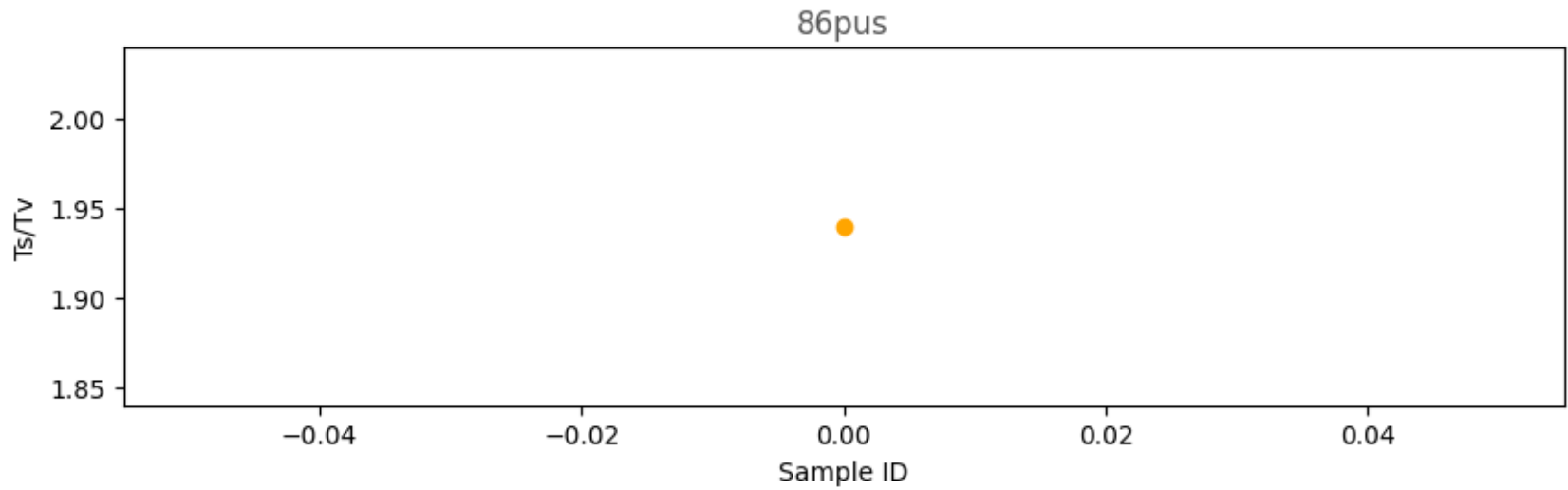
# Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
86pus	4,038,574	1.94	1.94	942,233	–	0	0
* frameshift ratio: out/(out+in)							

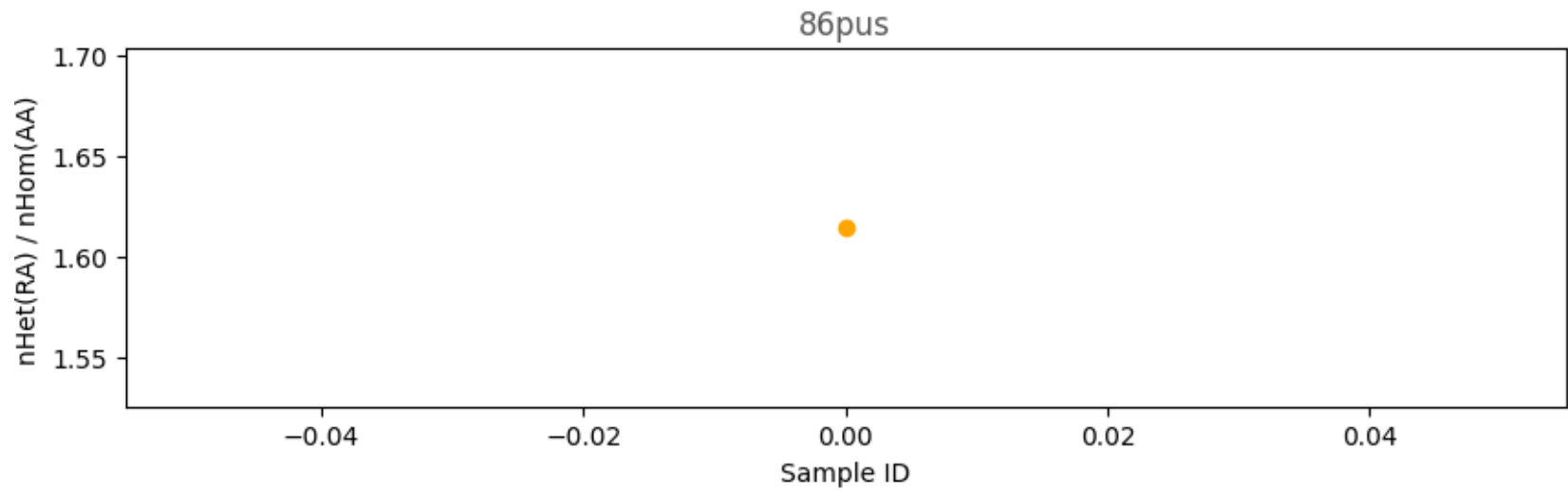
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
86pus	61.8%	1.91	66.2%	95,600	1,825

- 86pus .. /ngc/projects2/gm/data/archive/2022/variants/snv/86pusomom-110296390325-Normal\_B  
 lood\_noinfo-WGS\_v1\_IlluminaDNAPCRFree\_X-221012\_A01176\_AH2CWMSX5-RHGM\_LABKA\_WGS-  
 WGS05823\_snv\_germline\_raw.haplotype\_caller.vcf.gz

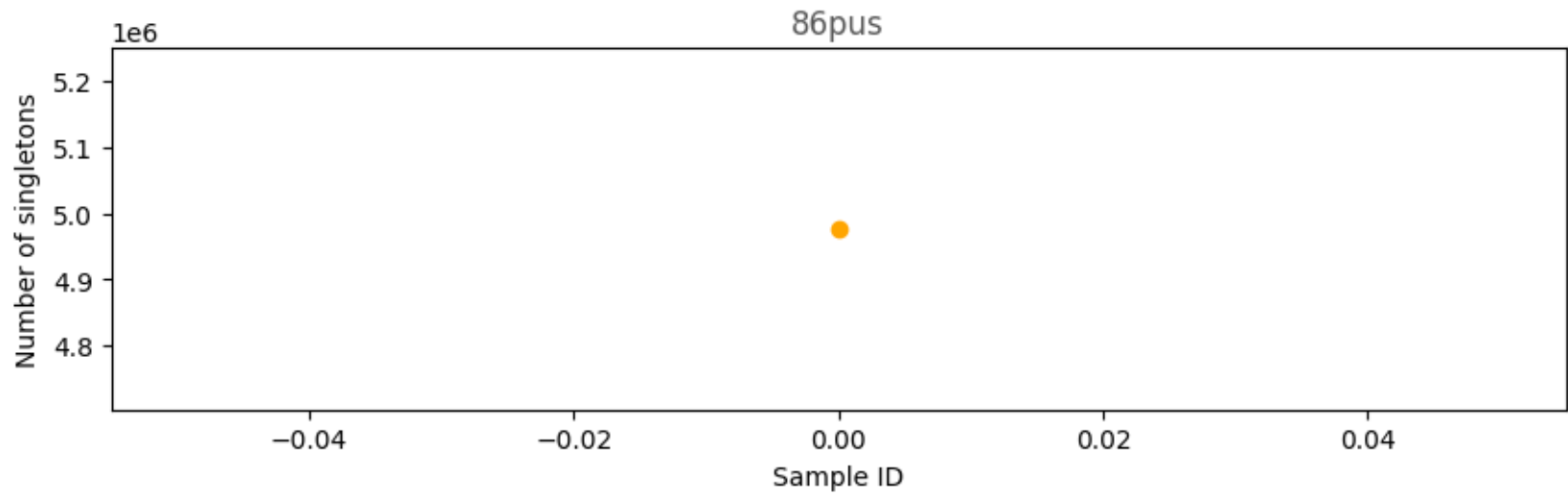
# Ts/Tv by sample



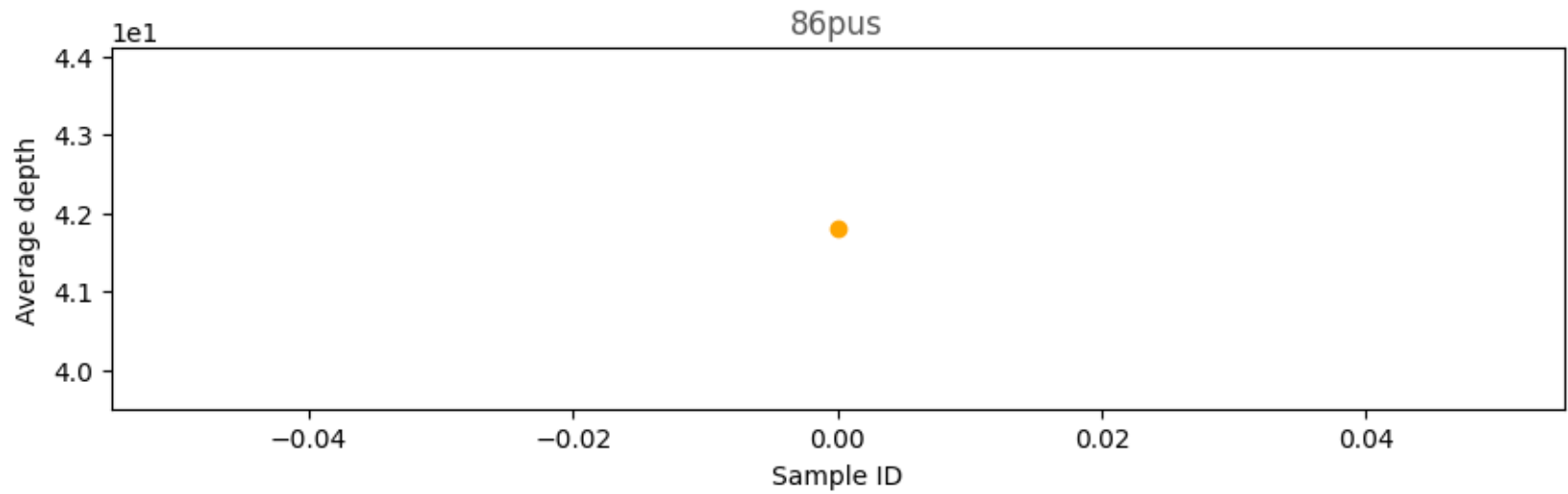
# Hets vs non-ref Homs by sample



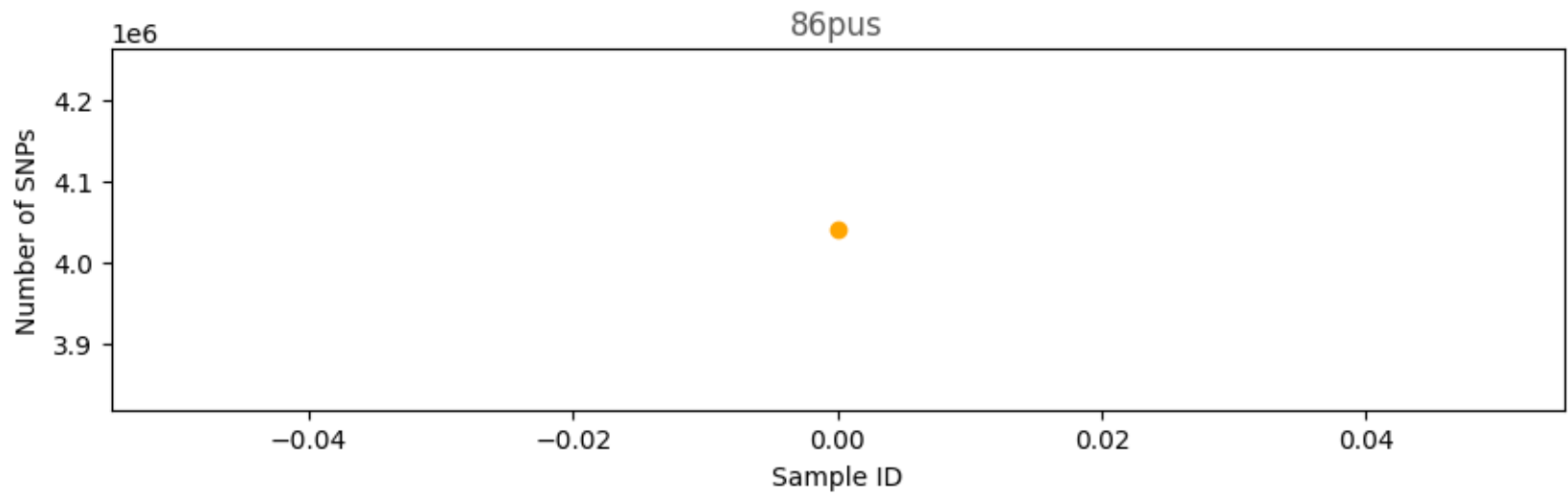
# Singletons by sample (hets and homs)



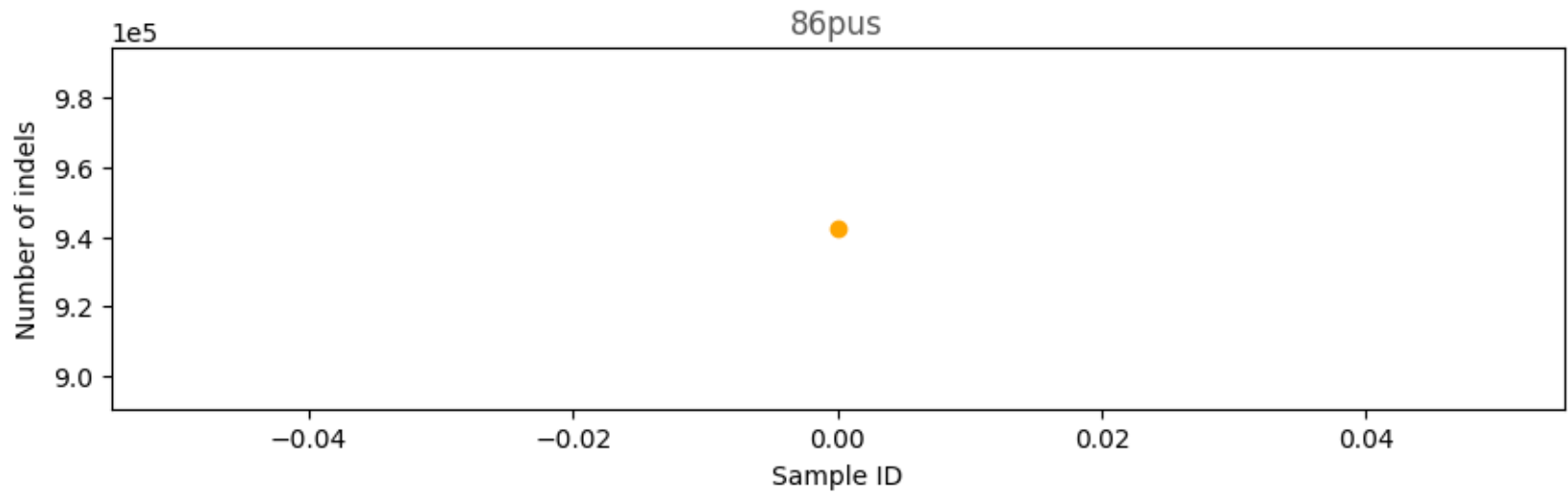
# Average depth by sample



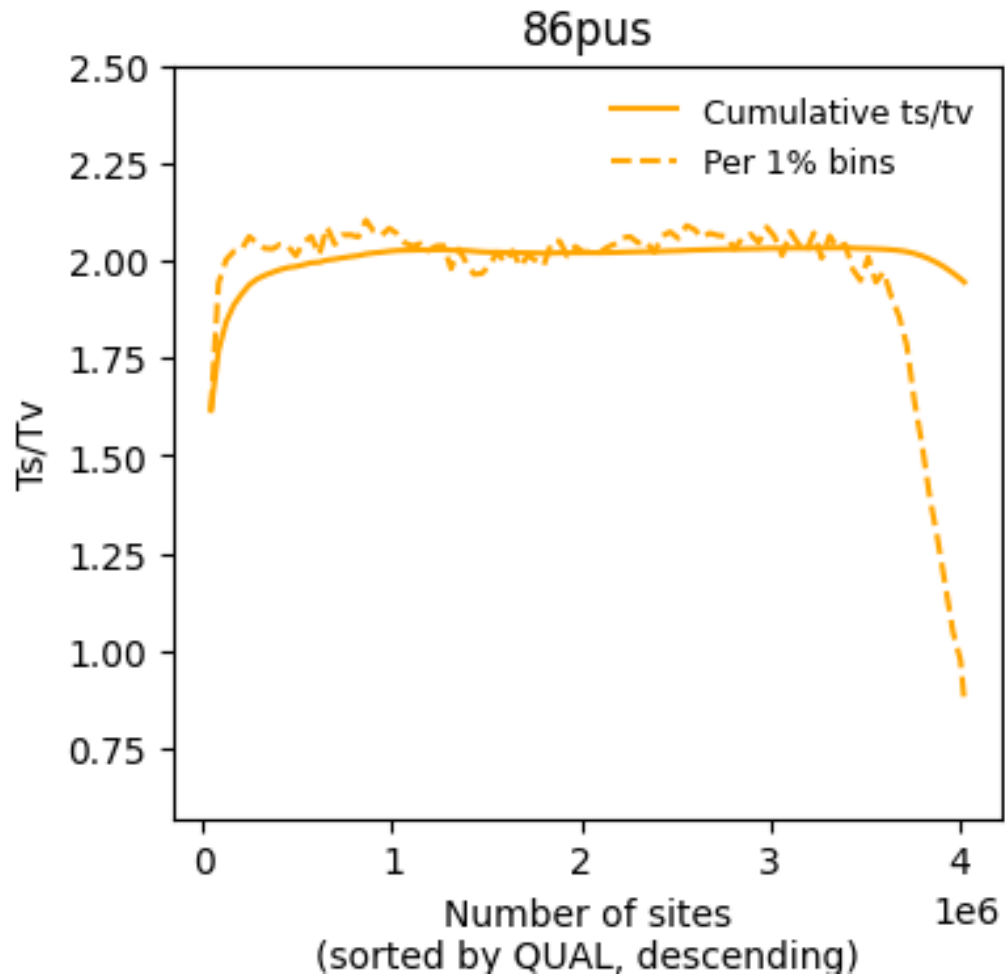
# Number of SNPs by sample



# Number of indels by sample

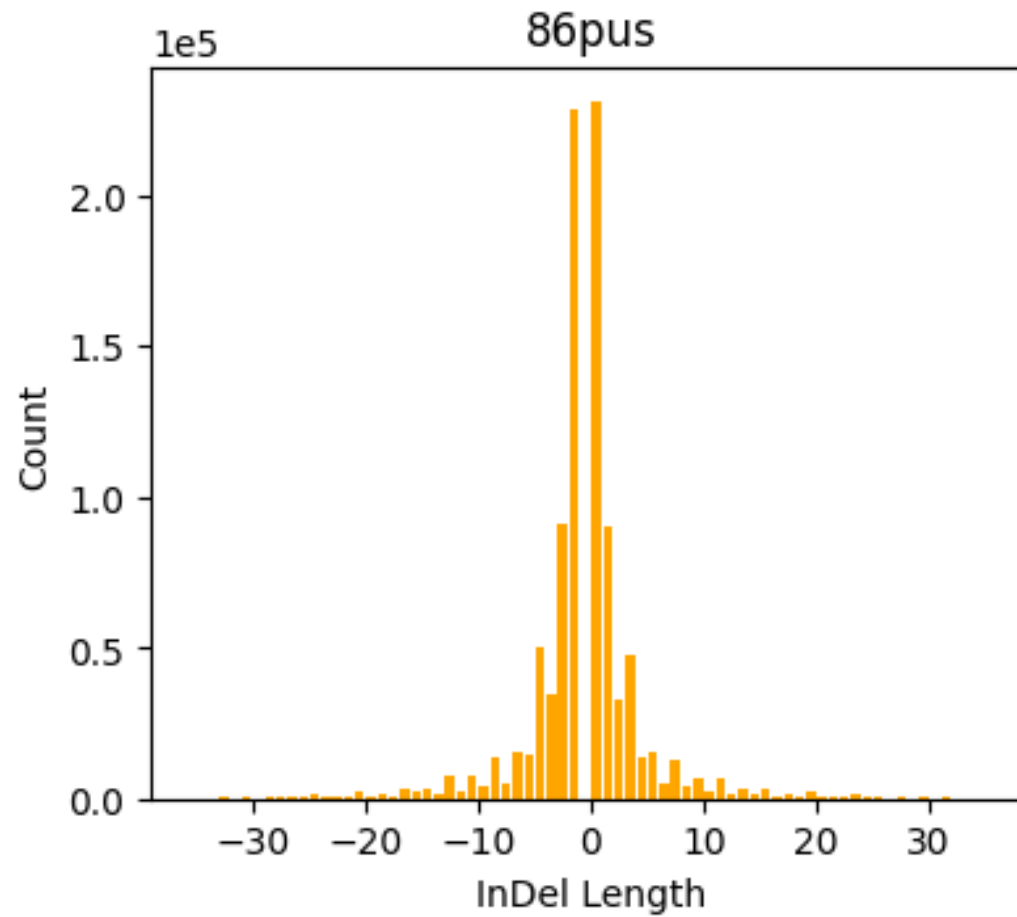


## Ts/Tv stratified by QUAL

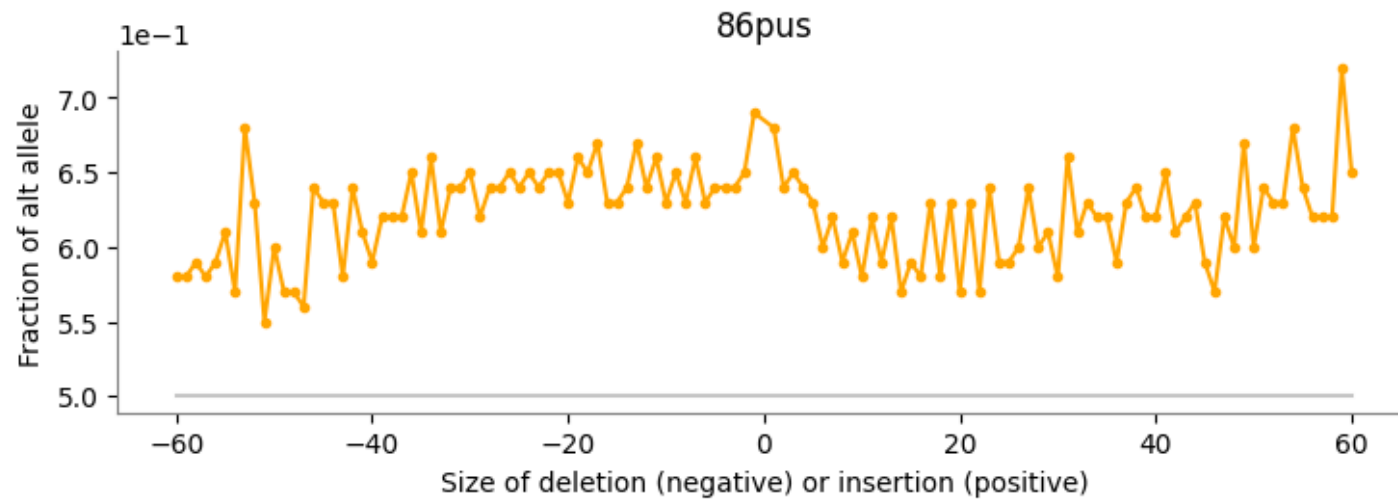




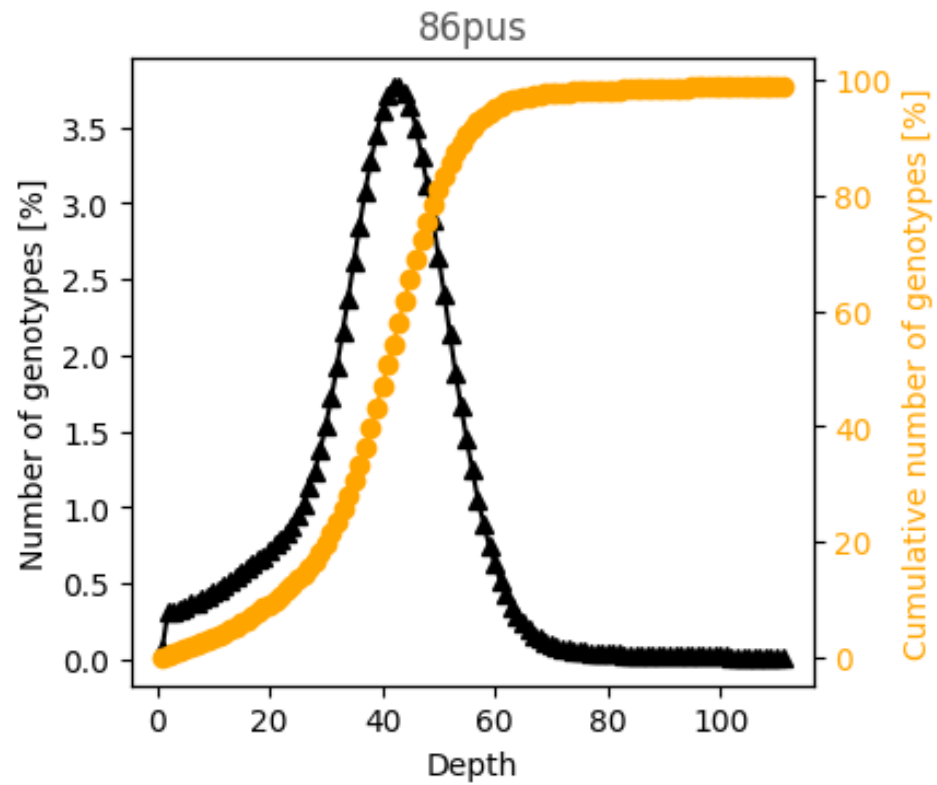
# Indel distribution



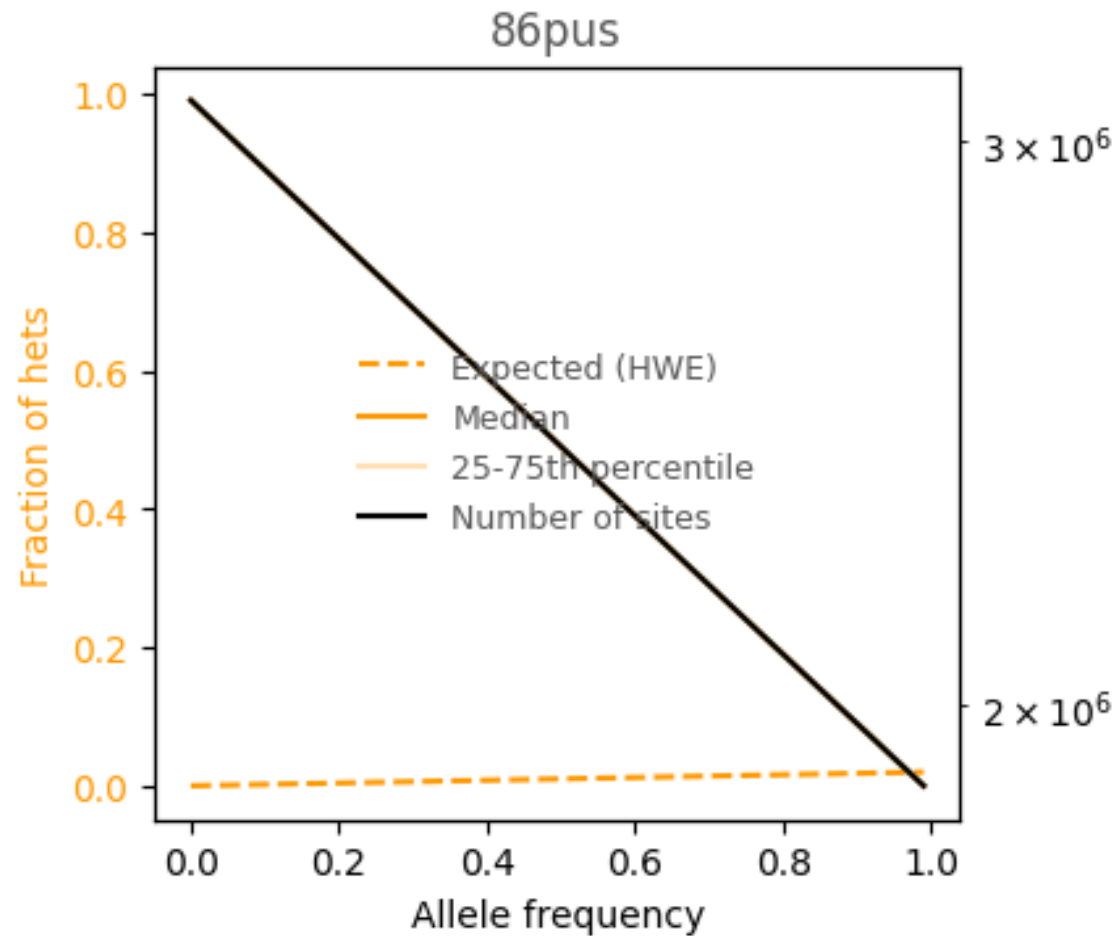
# Fraction of alternate indel allele



# Depth distribution



# Number of HETs by AF



# Substitution types

