

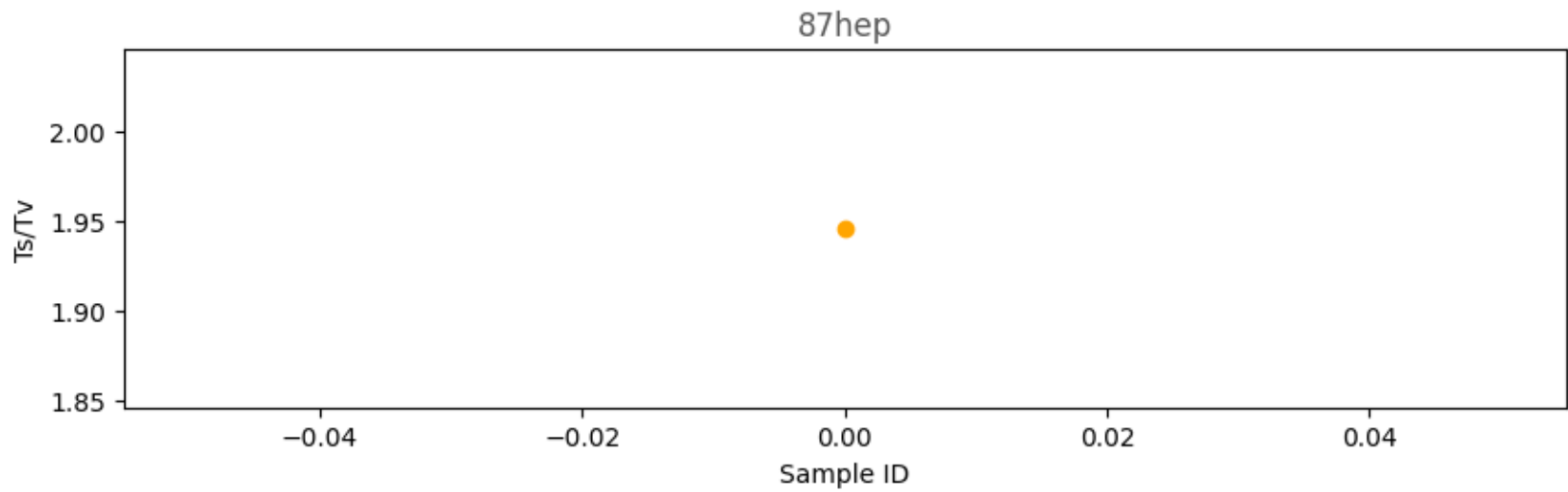
# Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
87hep	4,014,055	1.95	1.95	932,635	–	0	0
* frameshift ratio: out/(out+in)							

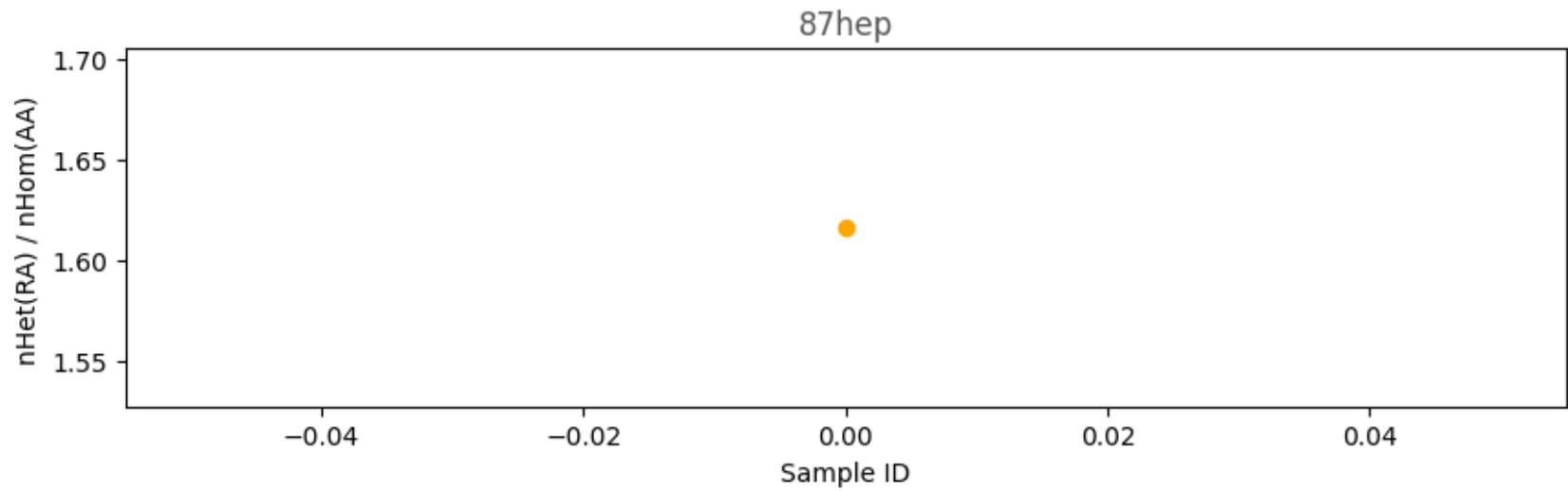
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
87hep	61.8%	1.92	66.0%	92,647	1,728

- 87hep .. /ngc/projects2/gm/data/archive/2022/variants/snv/87heprinm-103813088361-Normal\_Blood\_noinfo-WGS\_v1\_IlluminaDNAPCRFree\_X-211208\_A00559\_BHN2K3DSX2-RHGM\_LABKA\_WGS-WGS03490\_snv\_germline\_raw.haplotype\_caller.vcf.gz

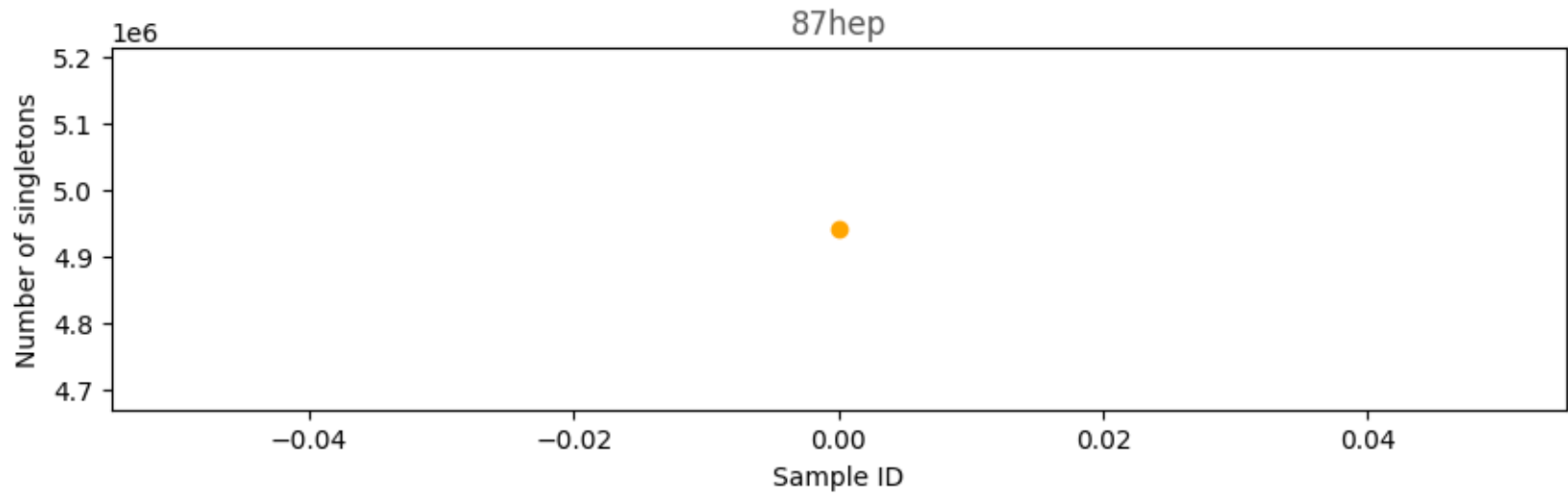
# Ts/Tv by sample



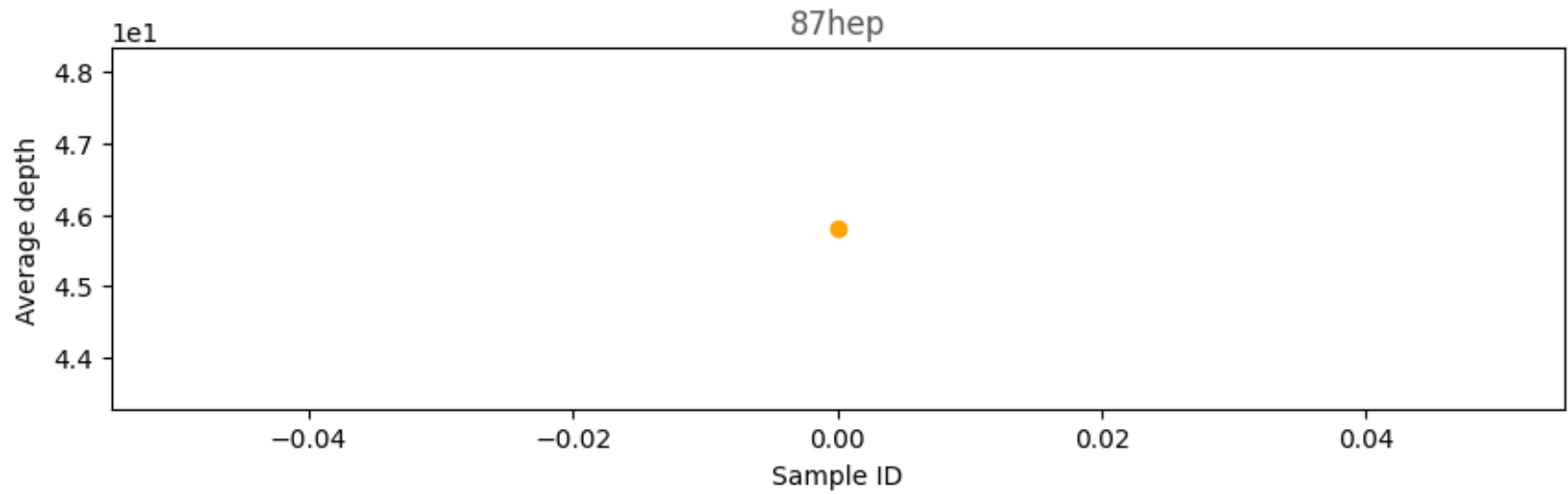
# Hets vs non-ref Homs by sample



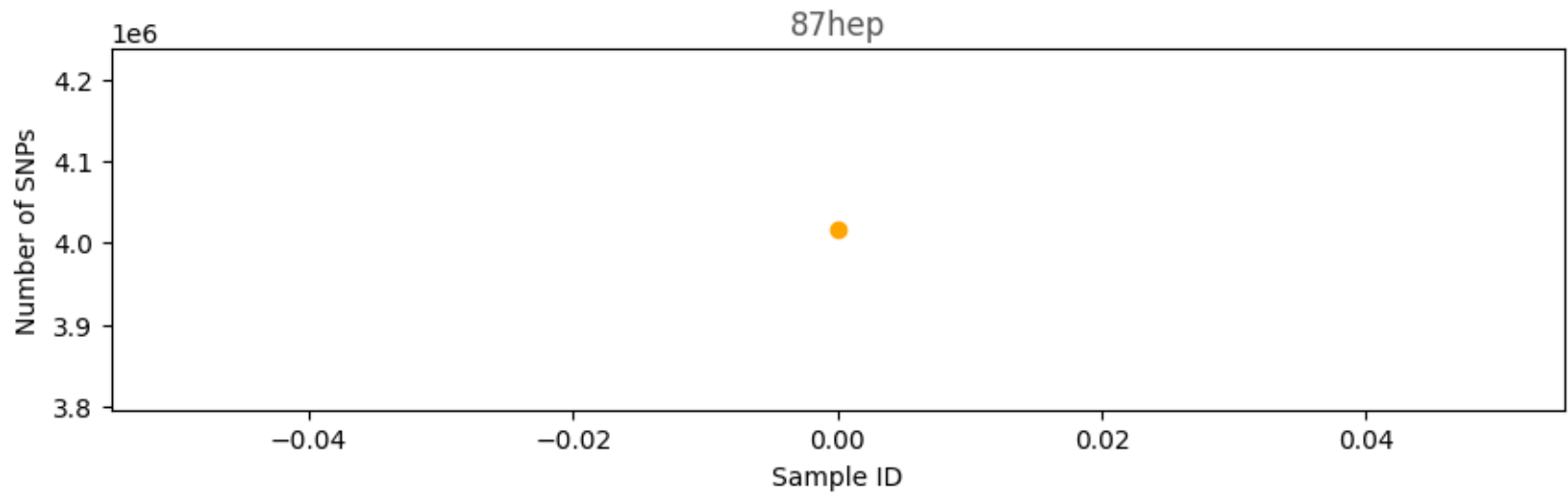
# Singletons by sample (hets and homs)



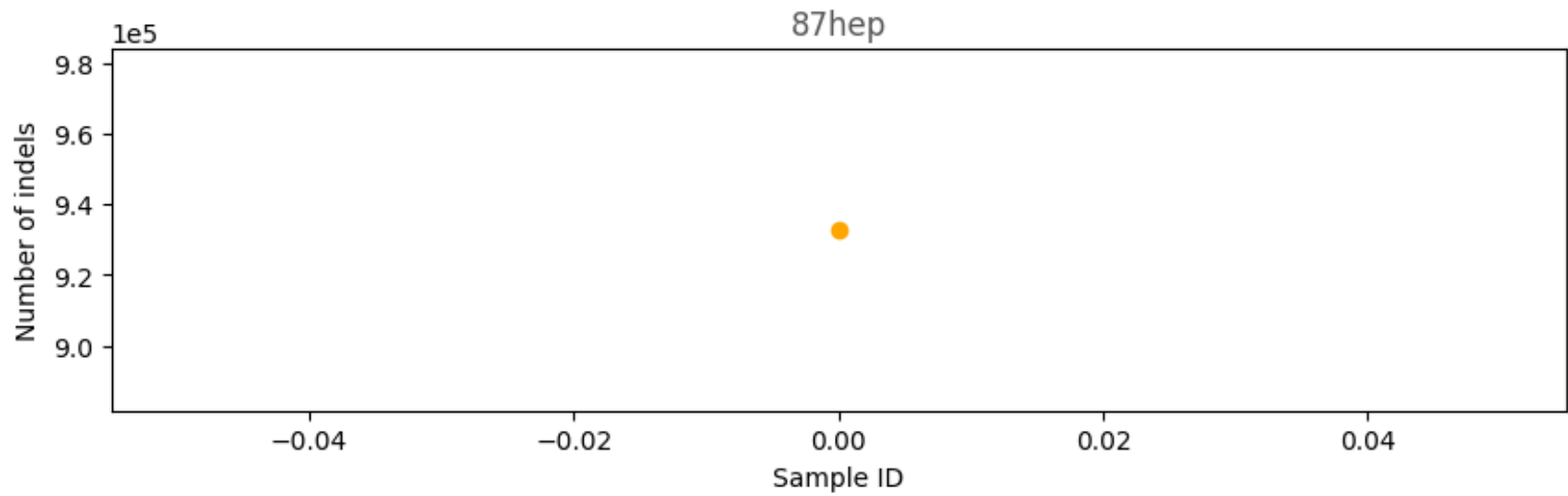
# Average depth by sample



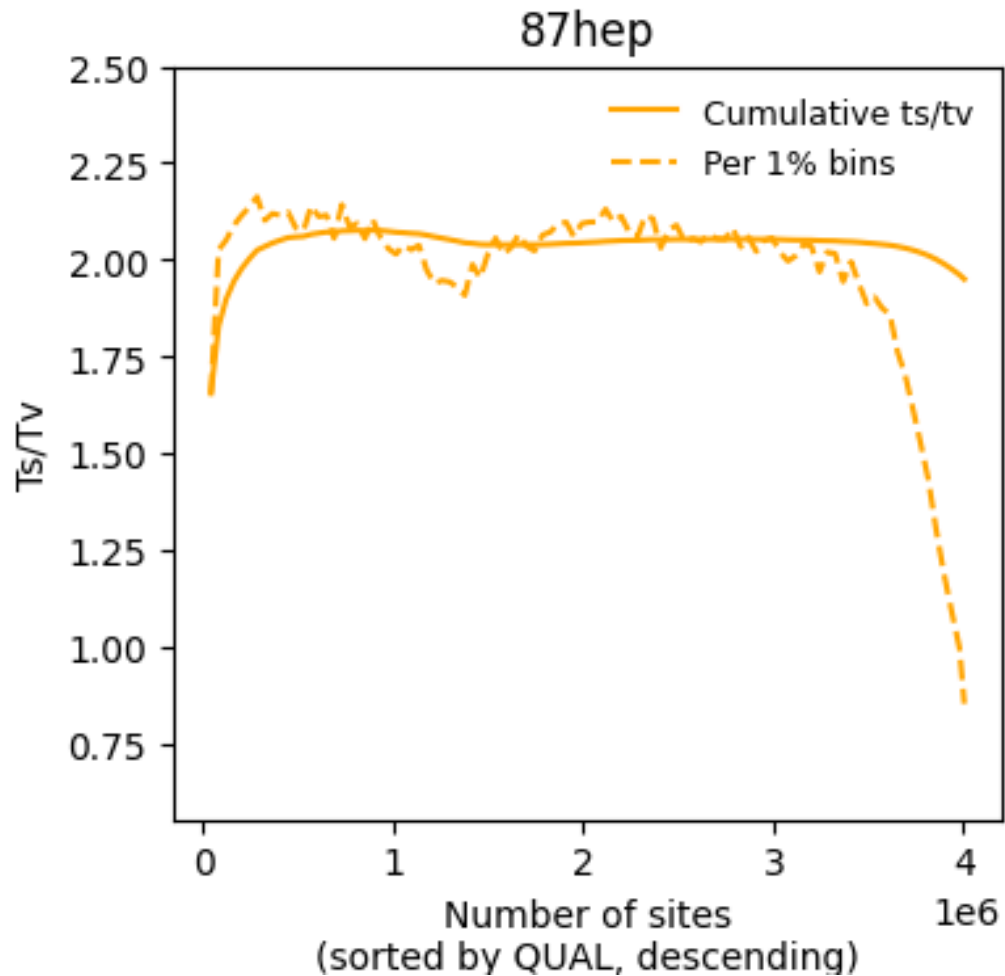
# Number of SNPs by sample



# Number of indels by sample

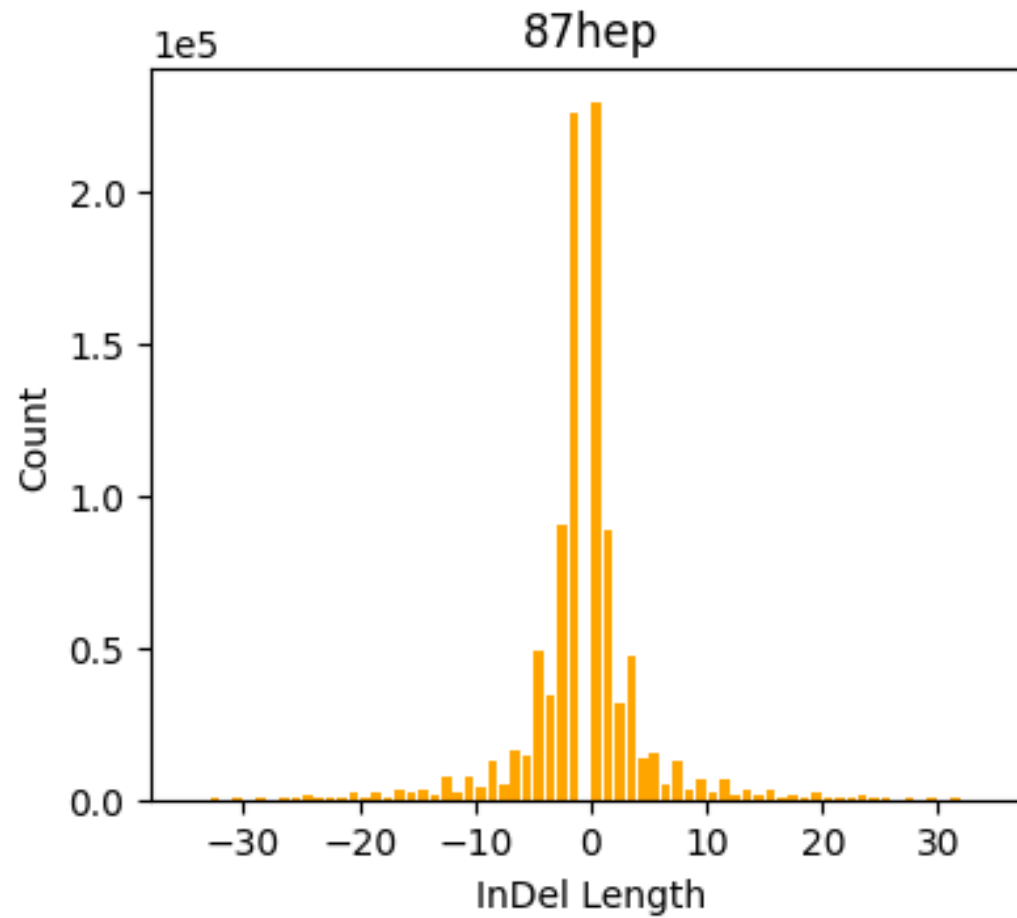


# Ts/Tv stratified by QUAL

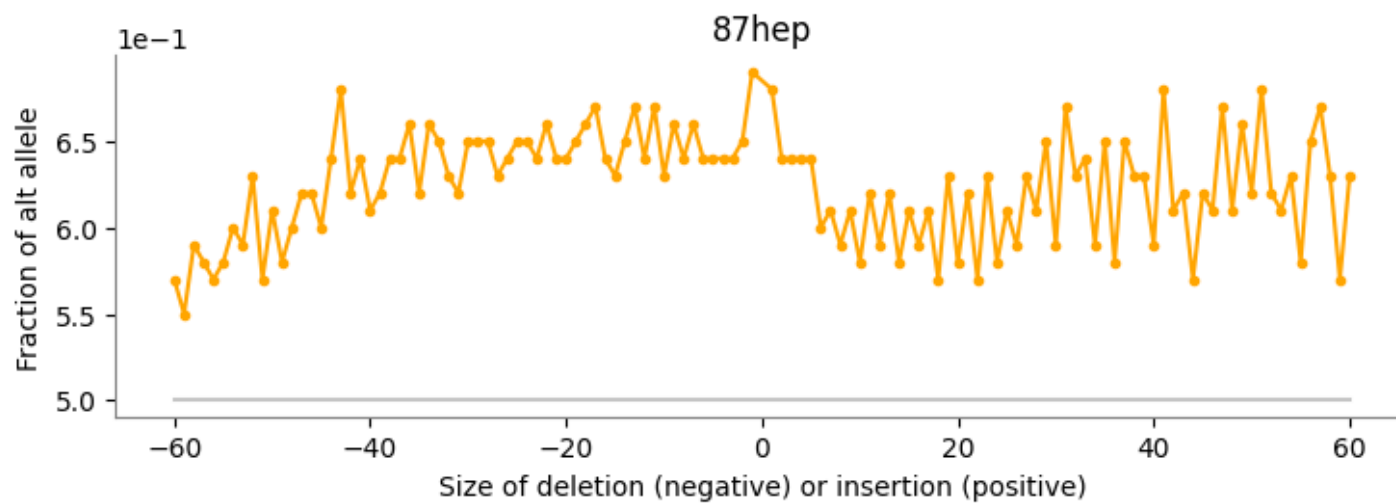




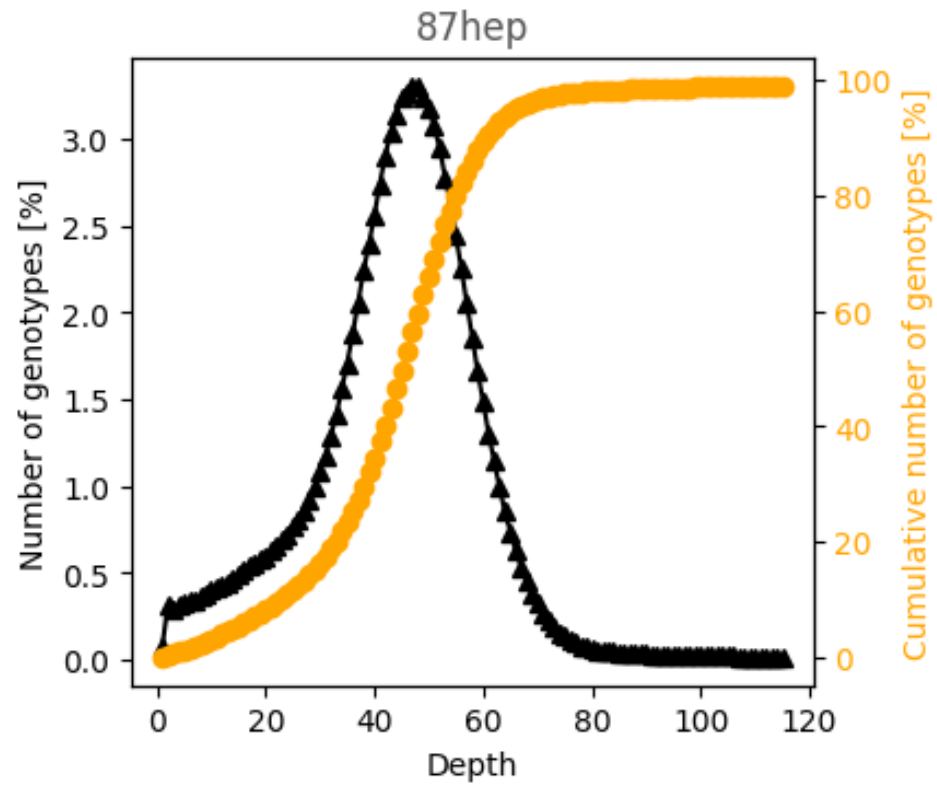
# Indel distribution



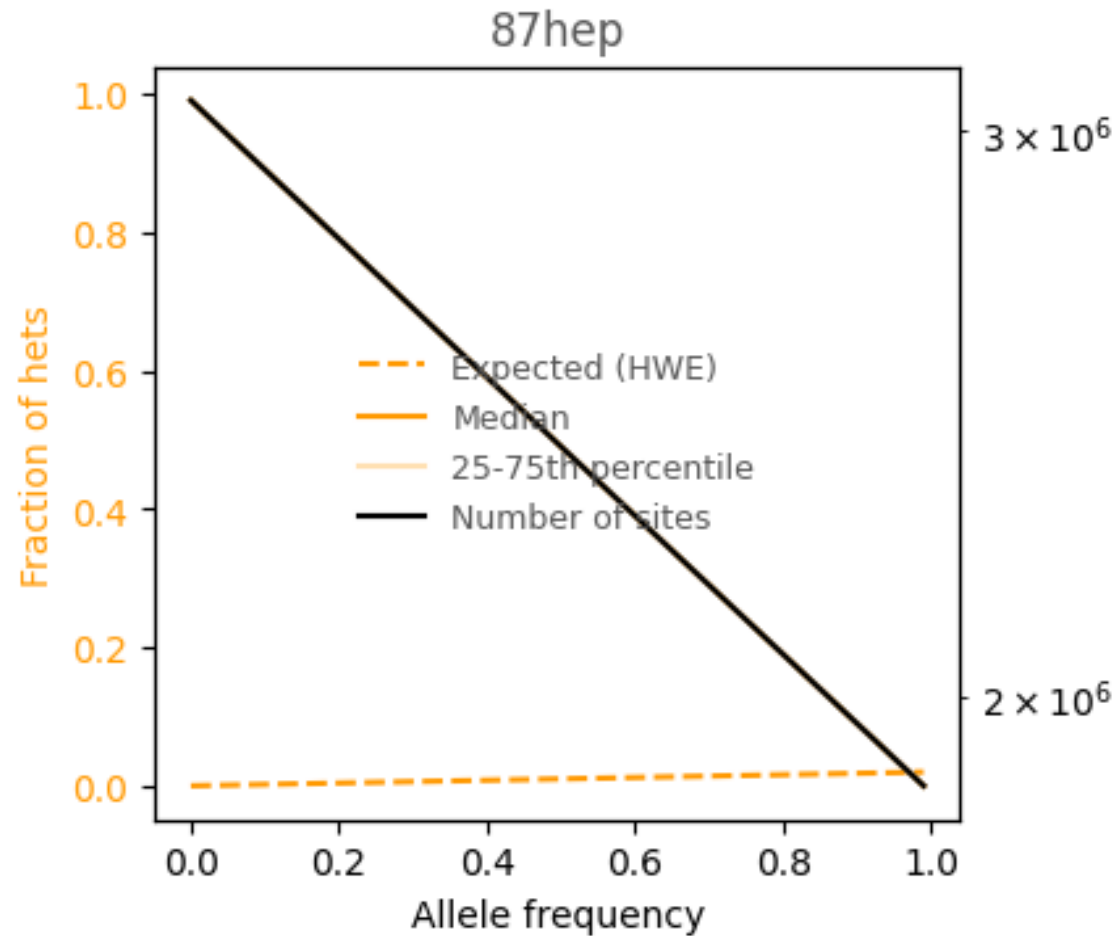
# Fraction of alternate indel allele



# Depth distribution



# Number of HETs by AF



# Substitution types

