

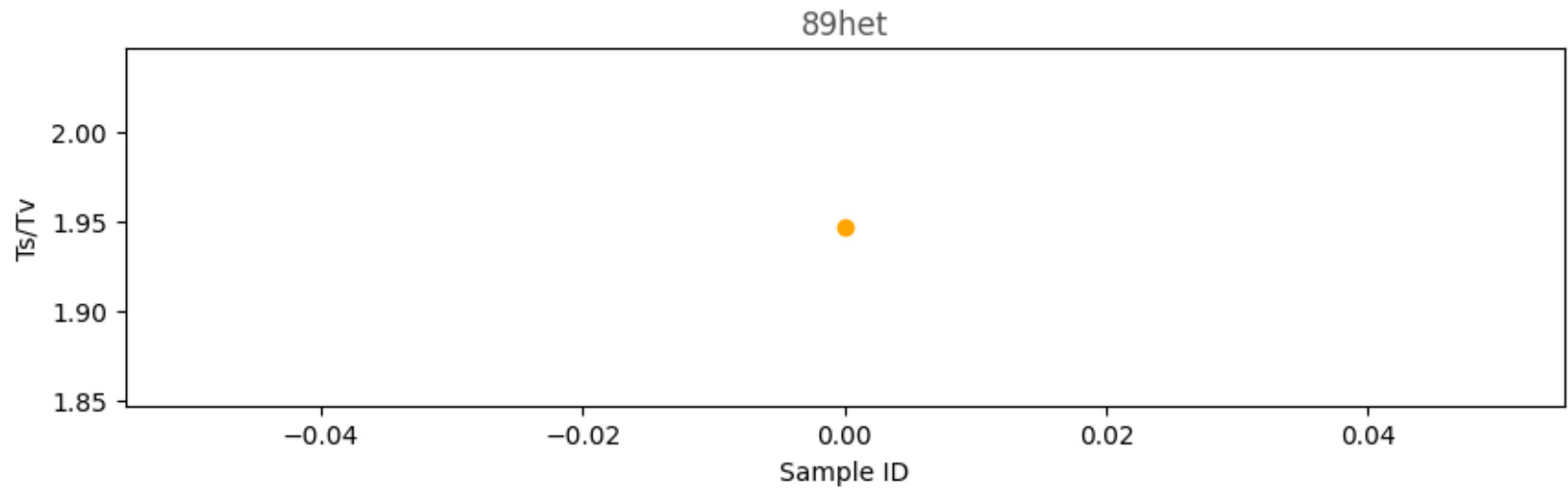
# Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
89het	4,115,625	1.95	1.95	970,549	–	0	0
* frameshift ratio: out/(out+in)							

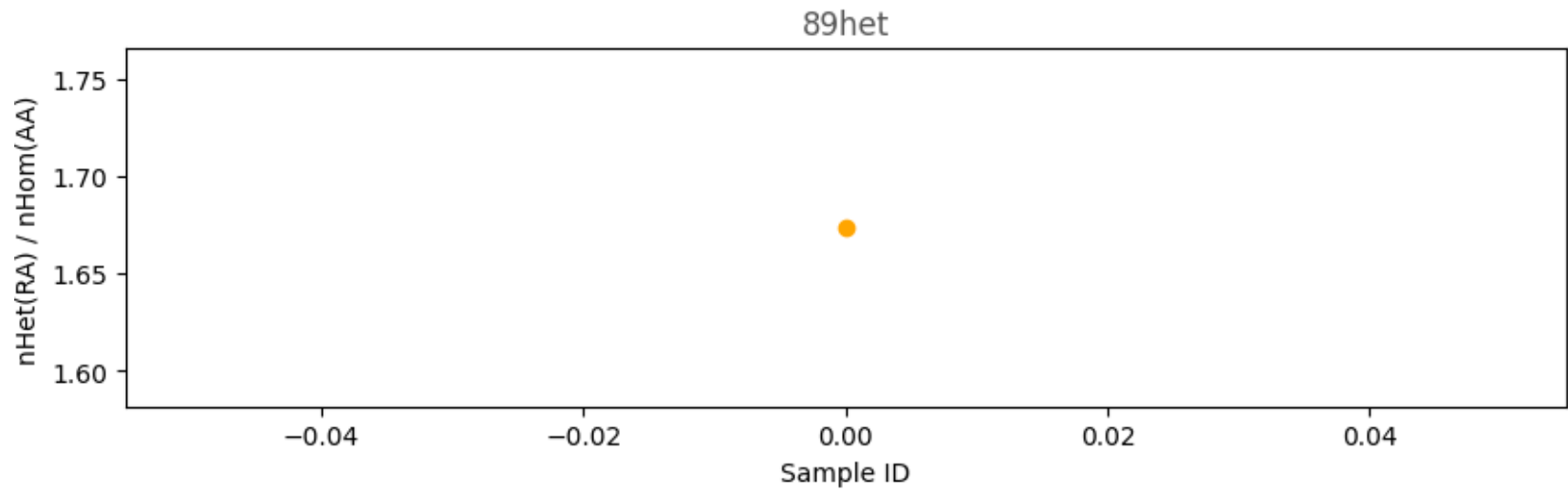
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
89het	62.6%	1.92	67.8%	104,407	1,940

- 89het .. /ngc/projects2/gm/data/archive/2022/variants/snv/89hetseem-103824647499-Normal\_Blood\_noinfo-WGS\_v1\_IlluminaDNAPCRFree\_X-220112\_A01176\_AHCWW2DSX3-RHGM\_LABKA\_WGS-WGS03647\_snv\_germline\_raw.haplotype\_caller.vcf.gz

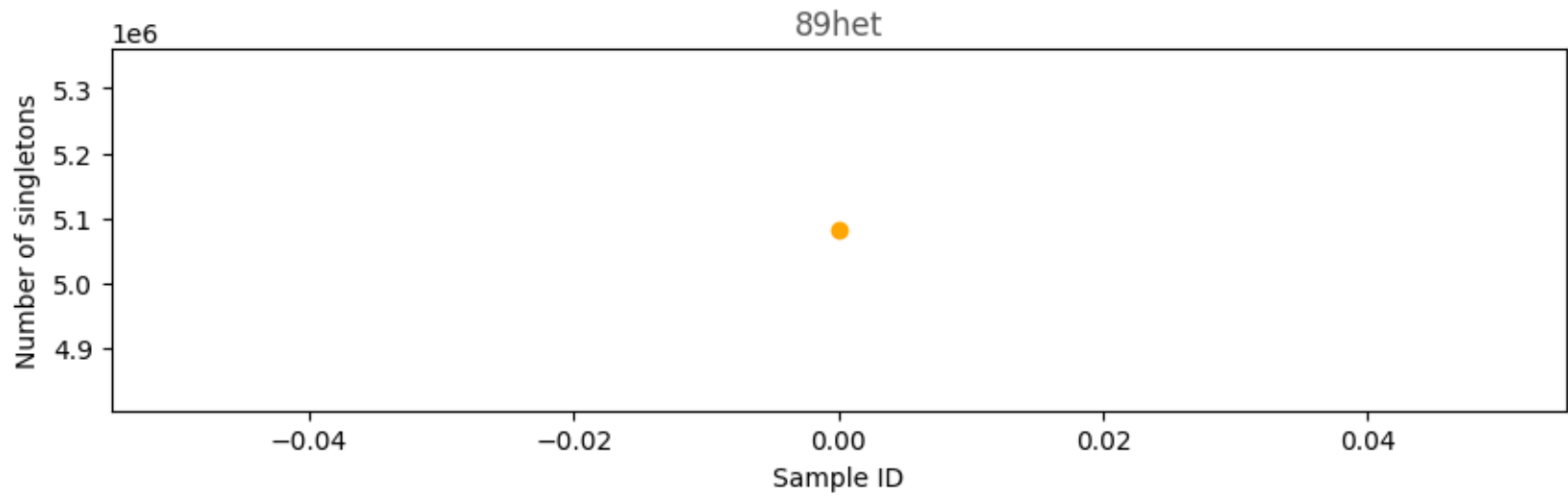
# Ts/Tv by sample



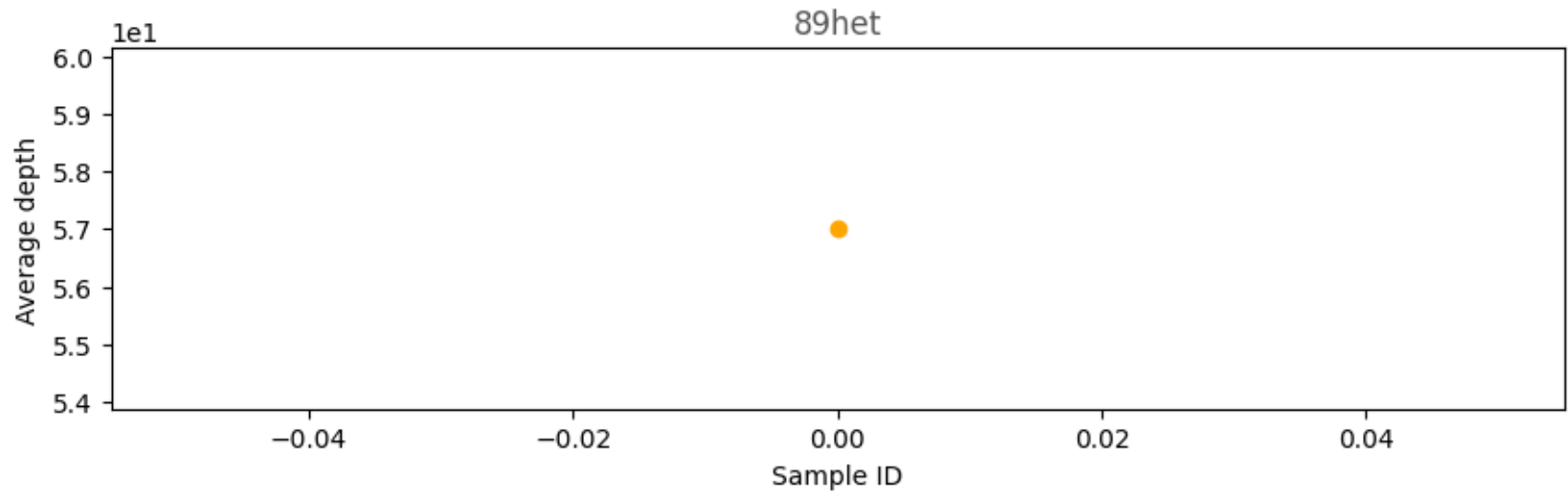
# Hets vs non-ref Homs by sample



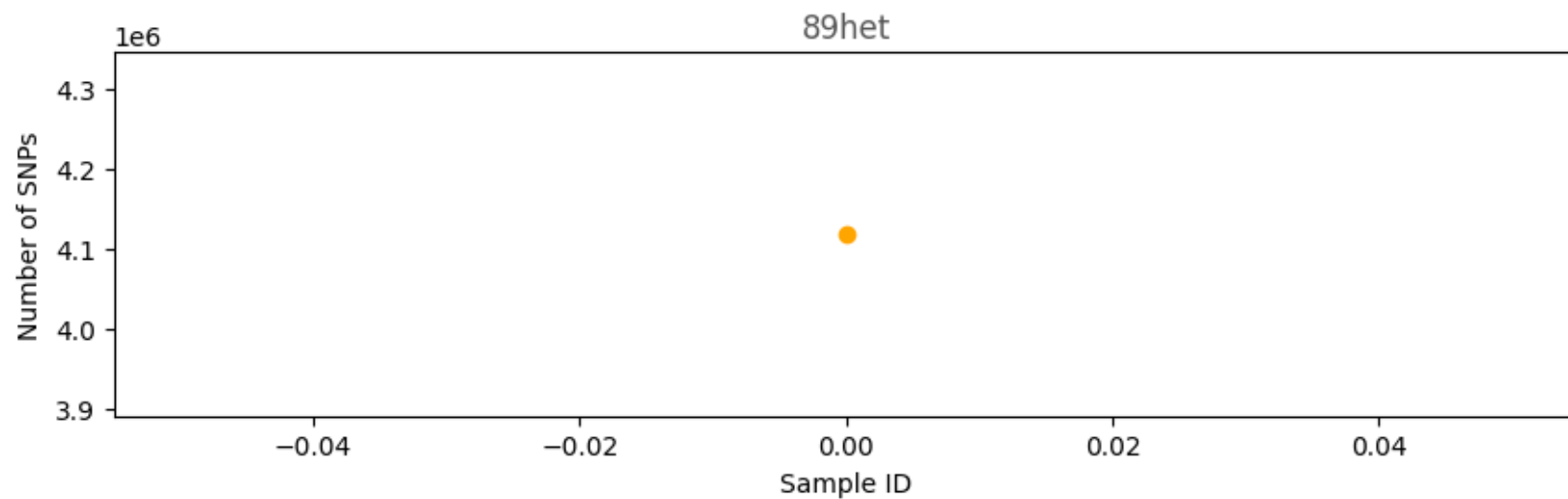
# Singletons by sample (hets and homs)



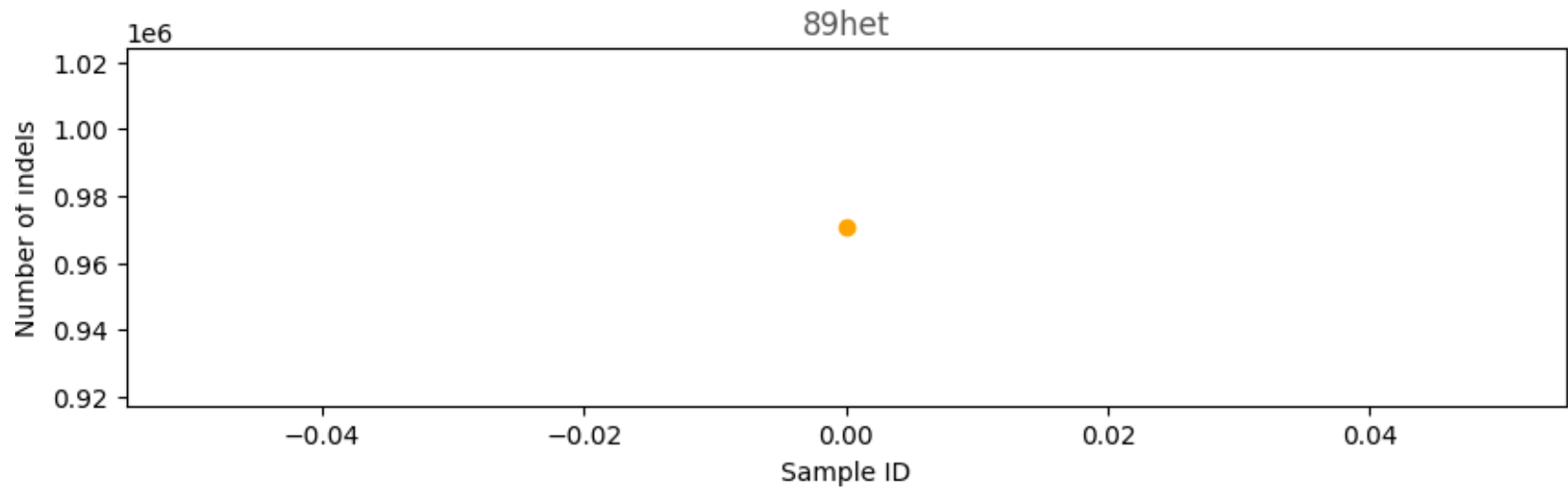
# Average depth by sample



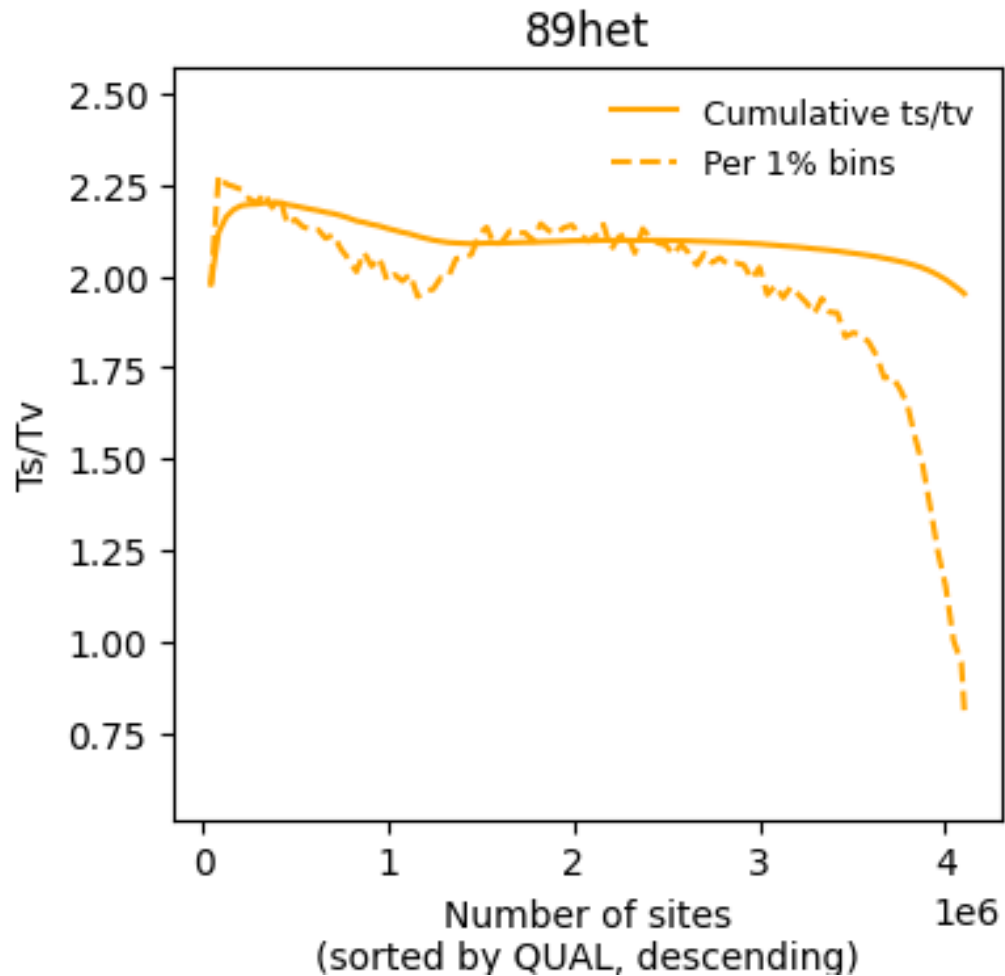
# Number of SNPs by sample



# Number of indels by sample

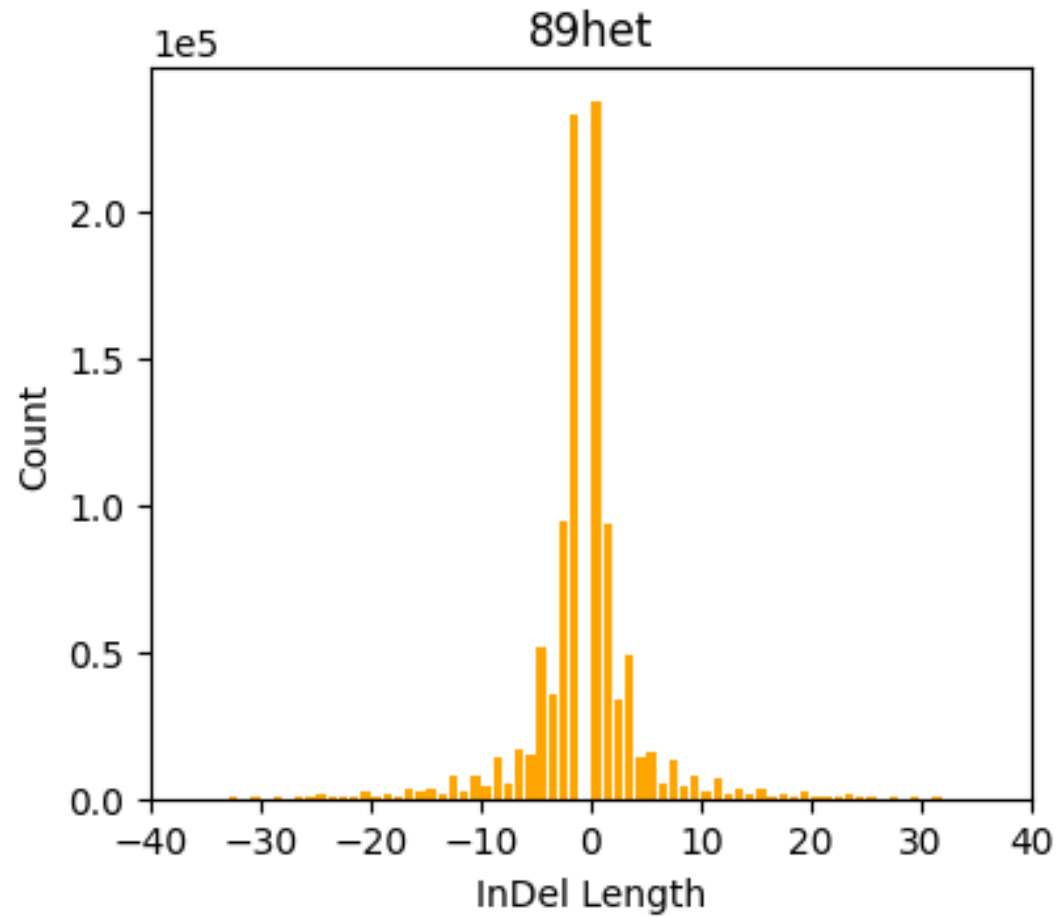


# Ts/Tv stratified by QUAL

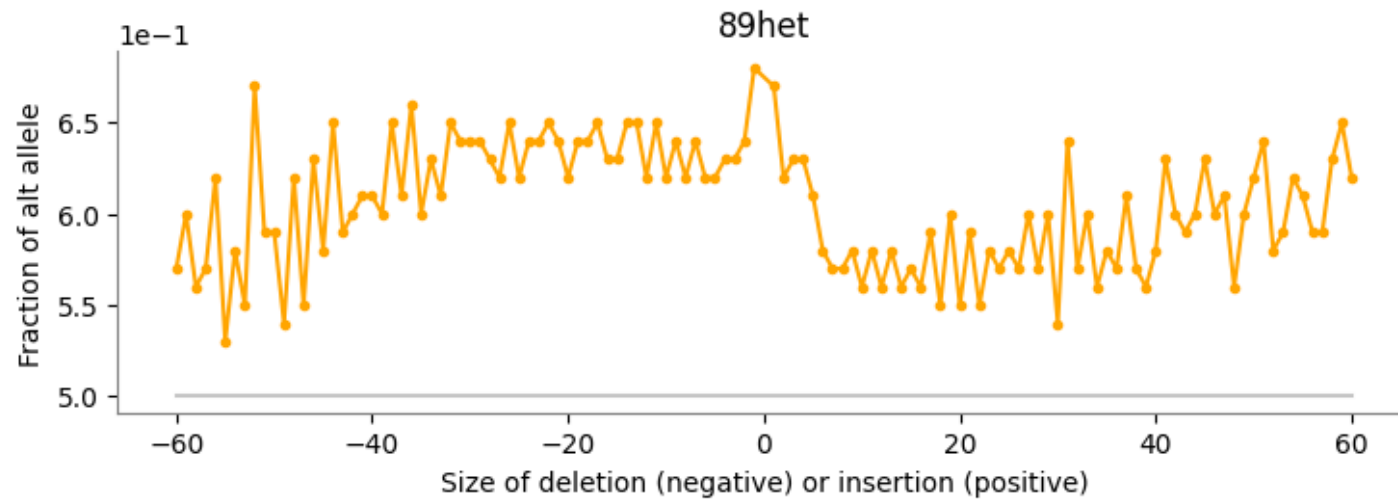




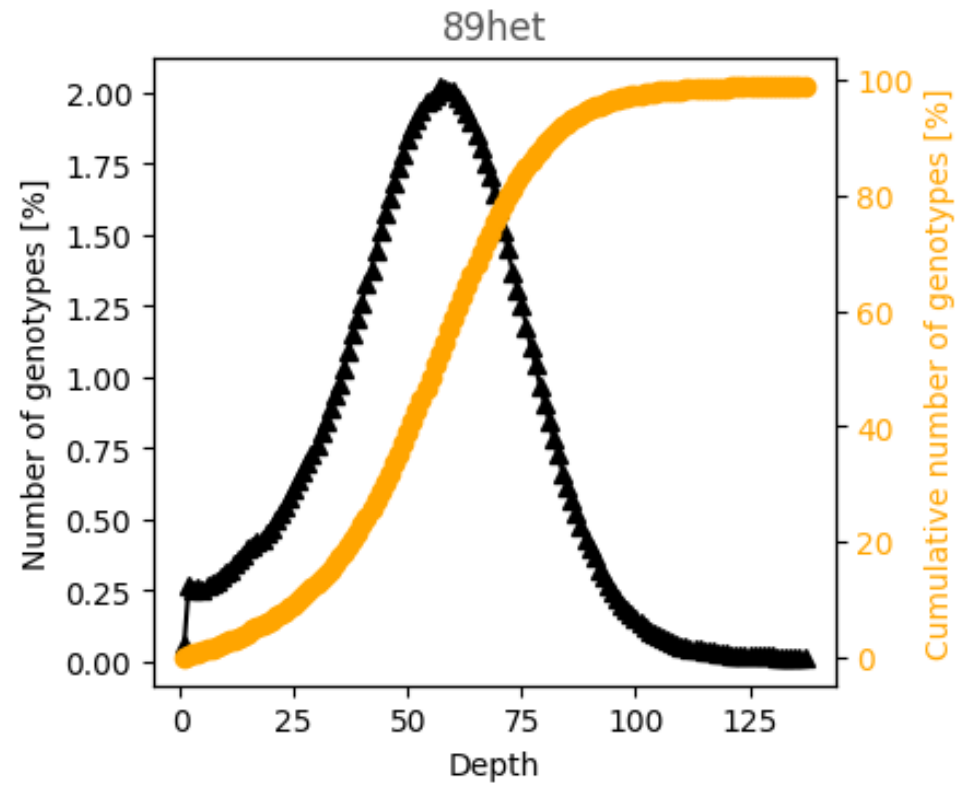
# Indel distribution



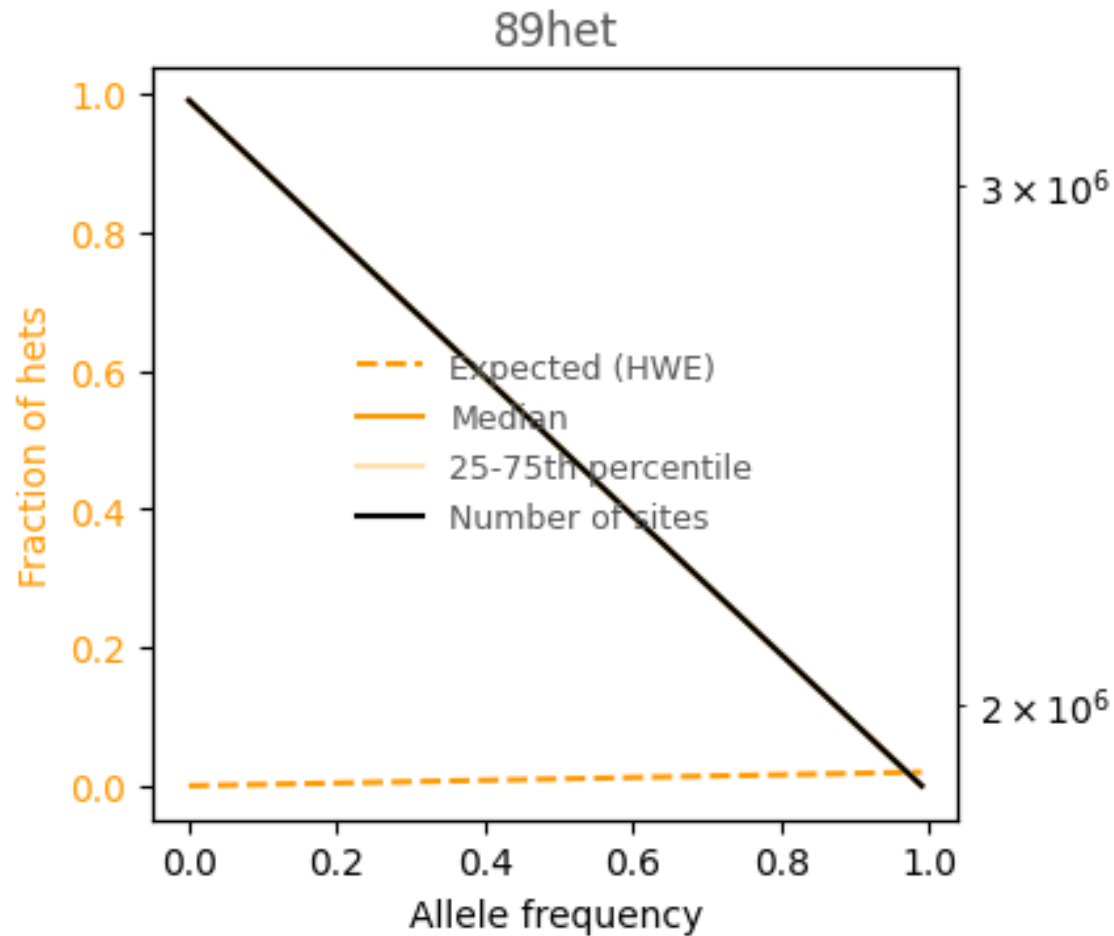
# Fraction of alternate indel allele



# Depth distribution



# Number of HETs by AF



# Substitution types

