

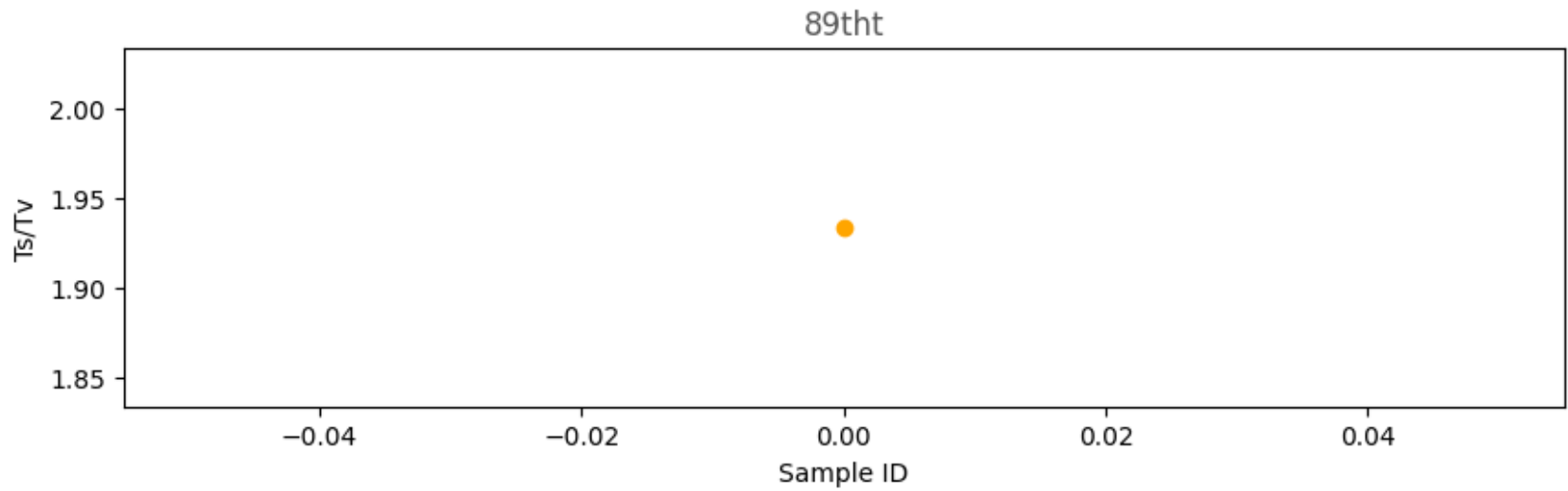
# Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
89tht	4,083,996	1.93	1.94	944,267	–	0	0
* frameshift ratio: out/(out+in)							

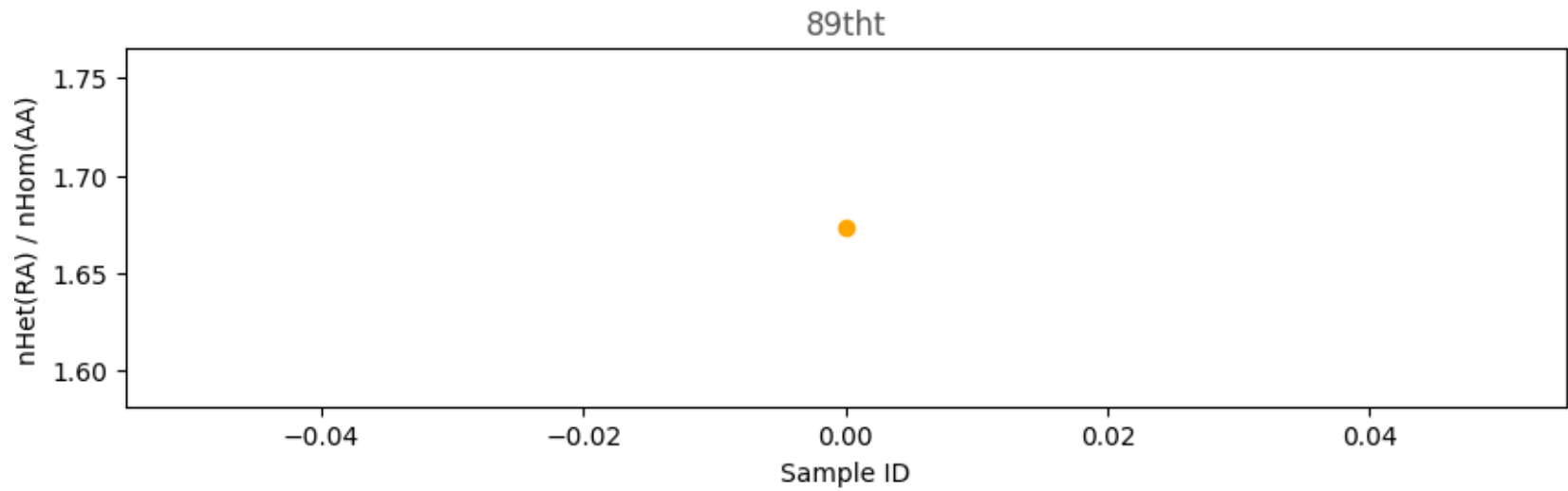
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
89tht	62.6%	1.91	67.4%	96,780	2,166

- 89tht .. /ngc/projects2/gm/data/archive/2022/variants/snv/89thterkf-103807741059-Normal\_B  
 lood\_noinfo-WGS\_v1\_IlluminaDNAPCRFree-X-211124\_A01411\_BHWHNFDSX2-RHGM\_LABKA\_WGSA  
 KUT-WGSAKUT03361\_21RKG028367x01\_snv\_germline\_raw.haplotype\_caller.vcf.gz

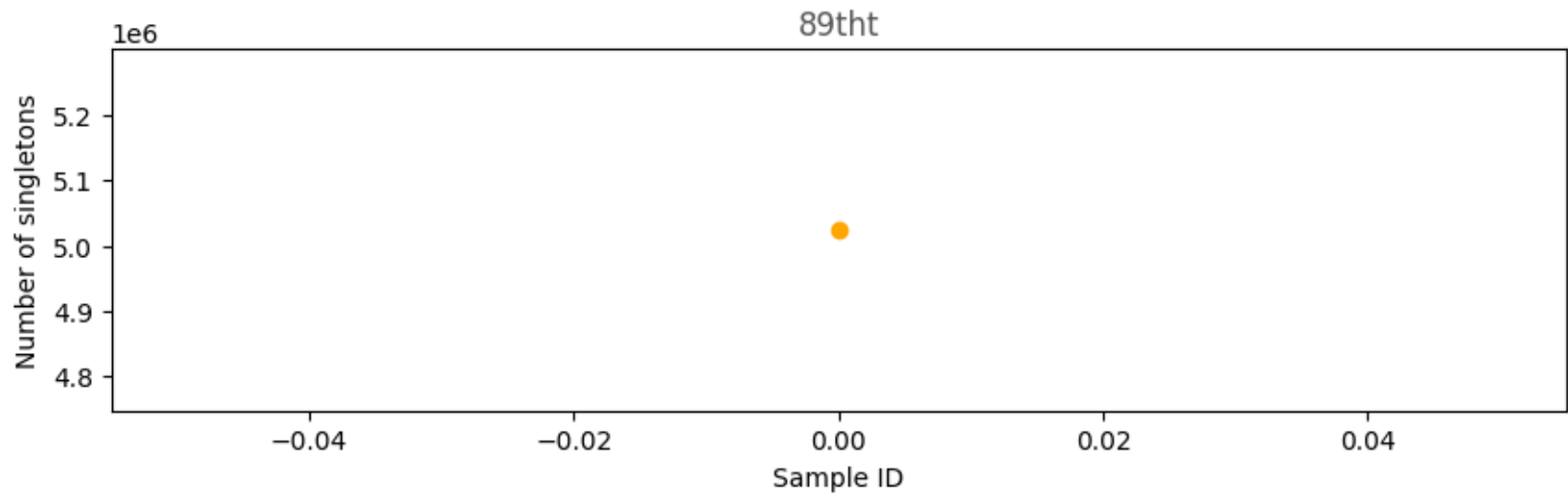
# Ts/Tv by sample



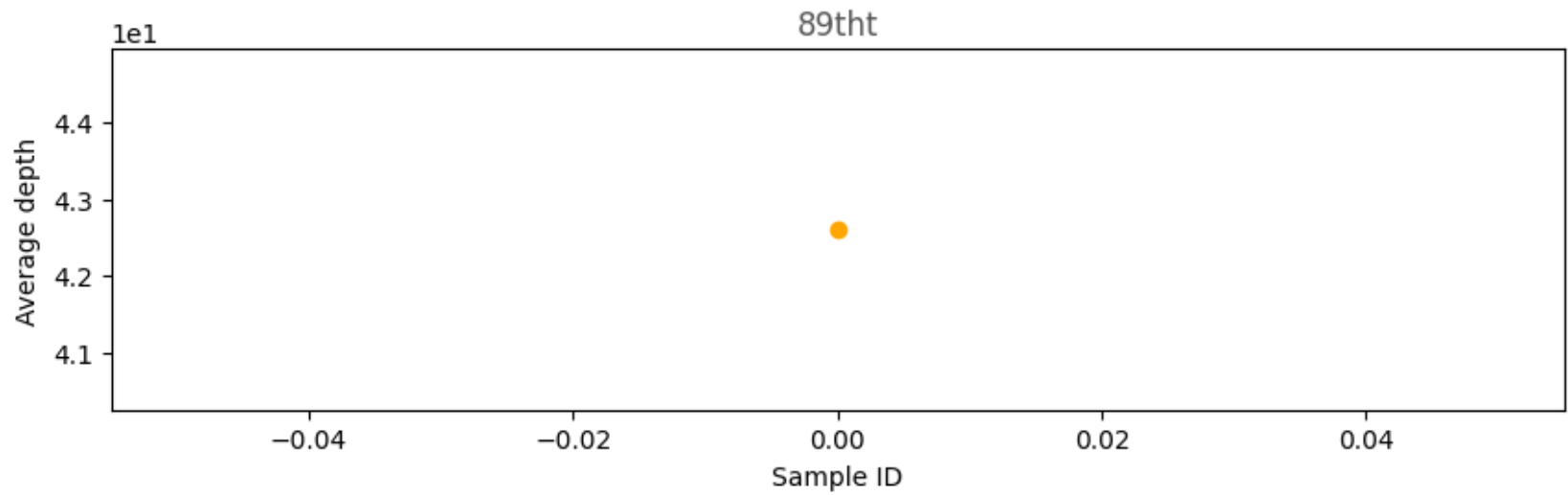
# Hets vs non-ref Homs by sample



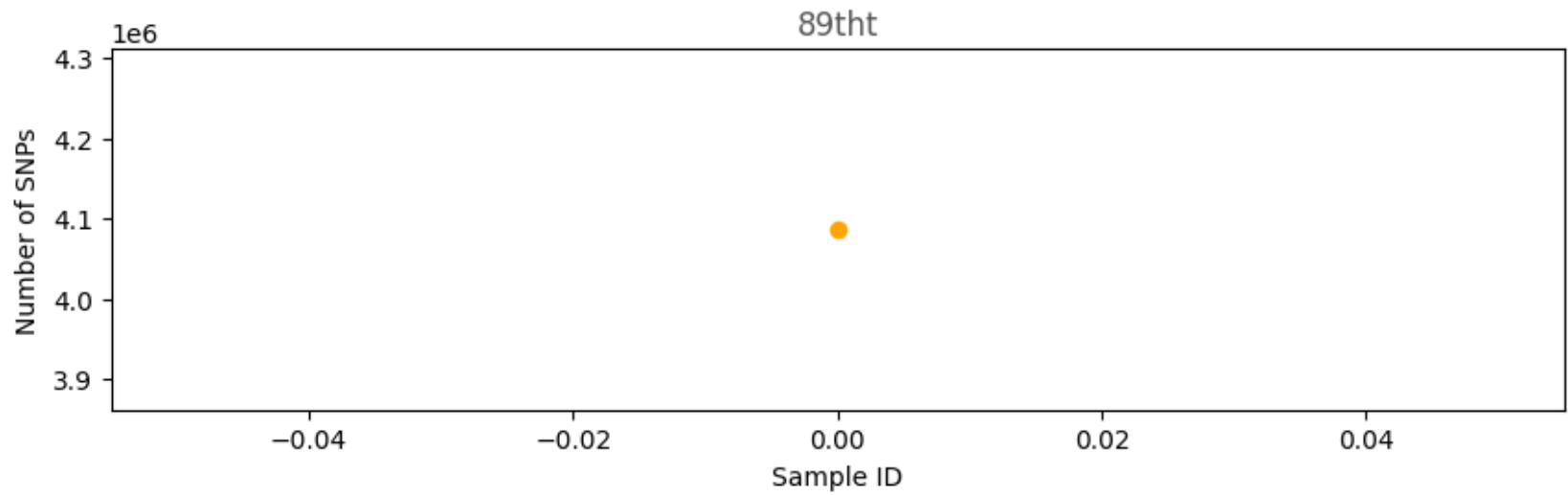
# Singletons by sample (hets and homs)



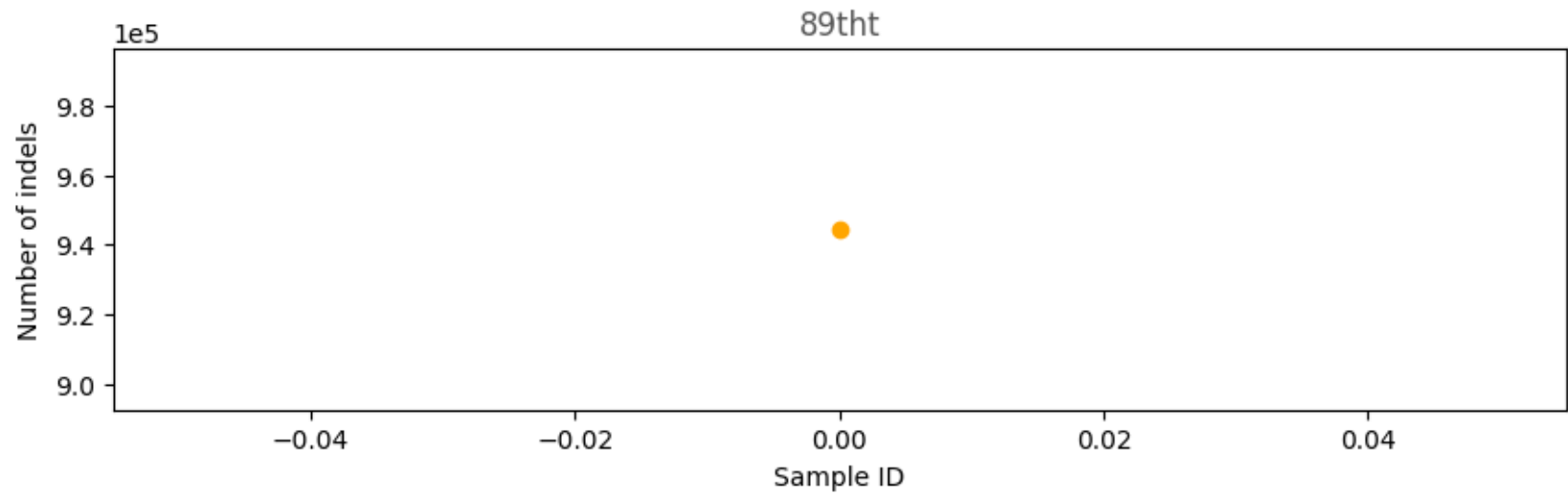
# Average depth by sample



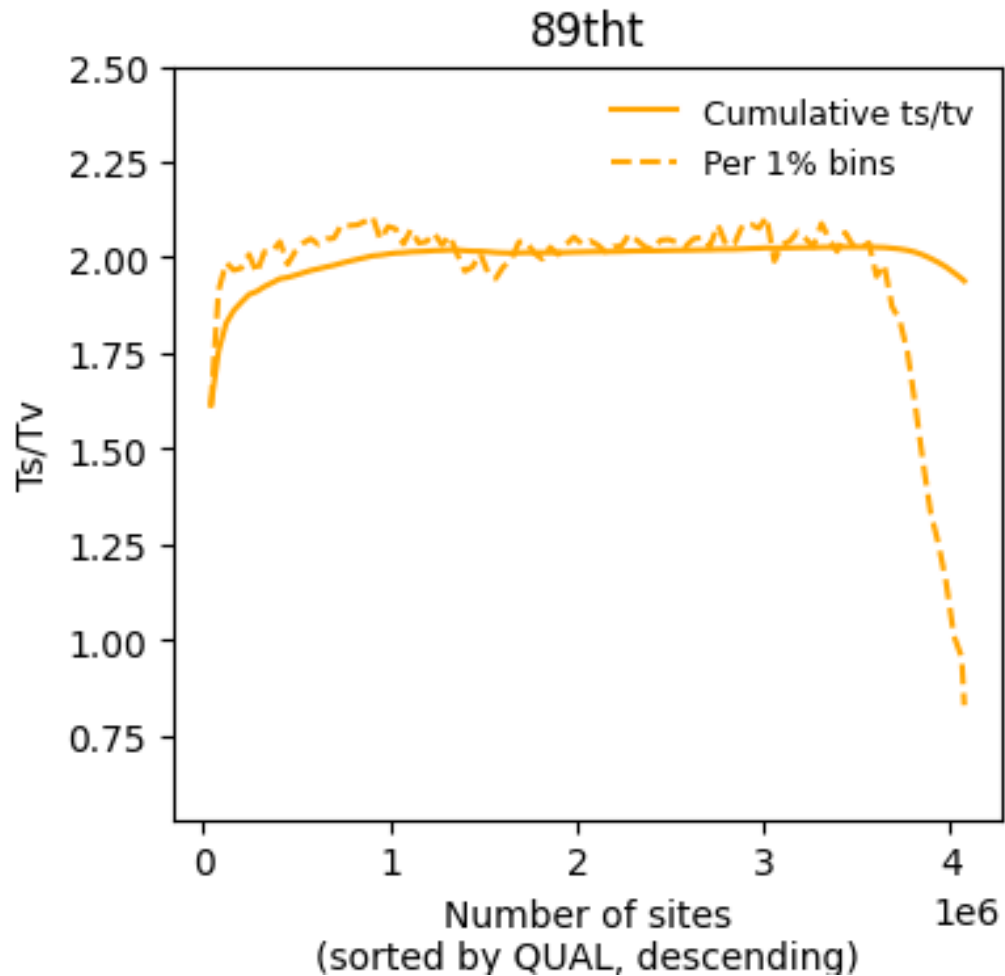
# Number of SNPs by sample



# Number of indels by sample

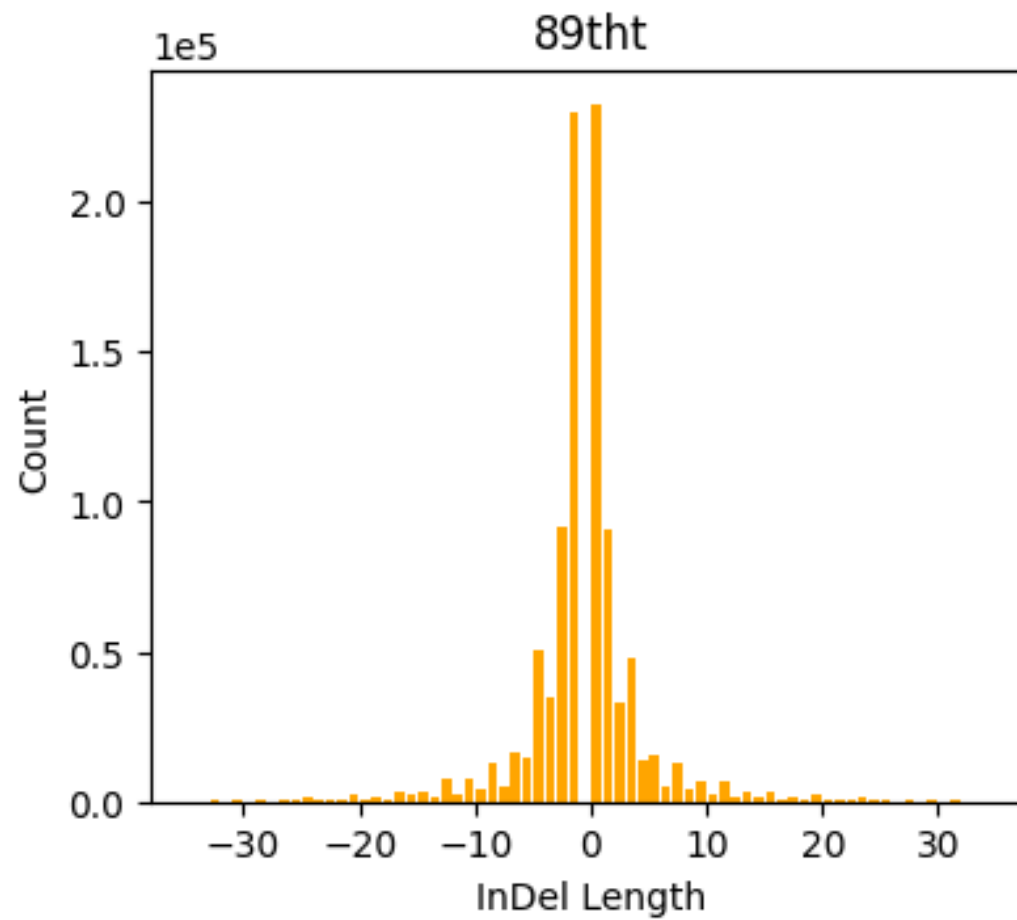


## Ts/Tv stratified by QUAL

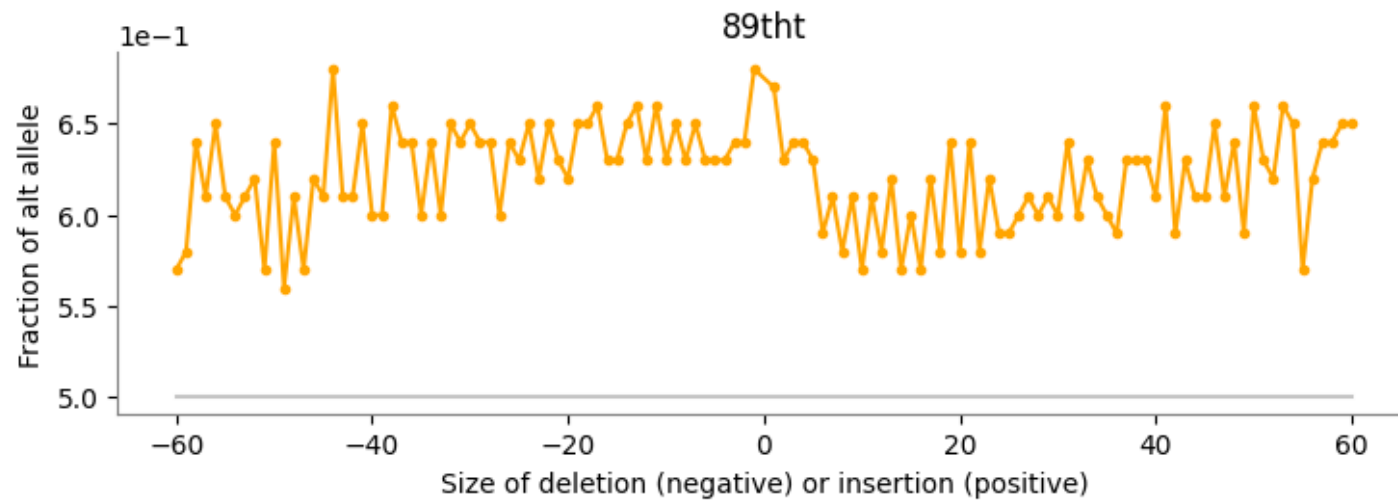




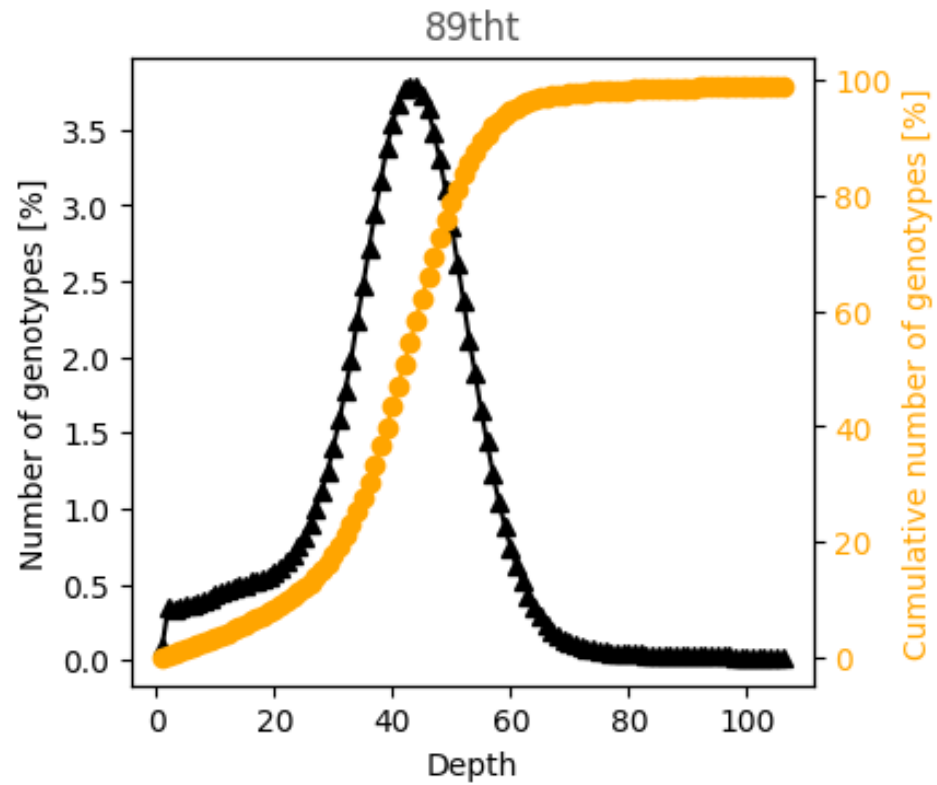
# Indel distribution



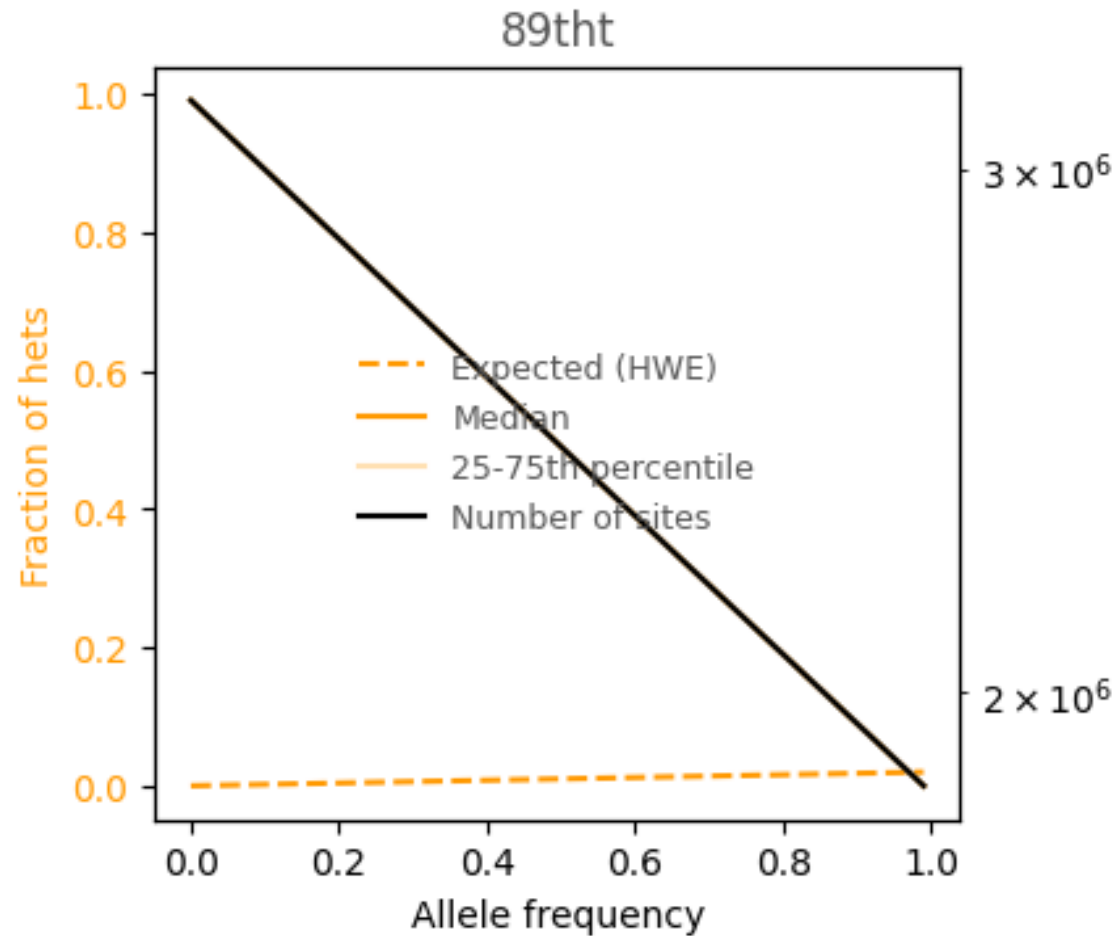
# Fraction of alternate indel allele



# Depth distribution



# Number of HETs by AF



# Substitution types

