

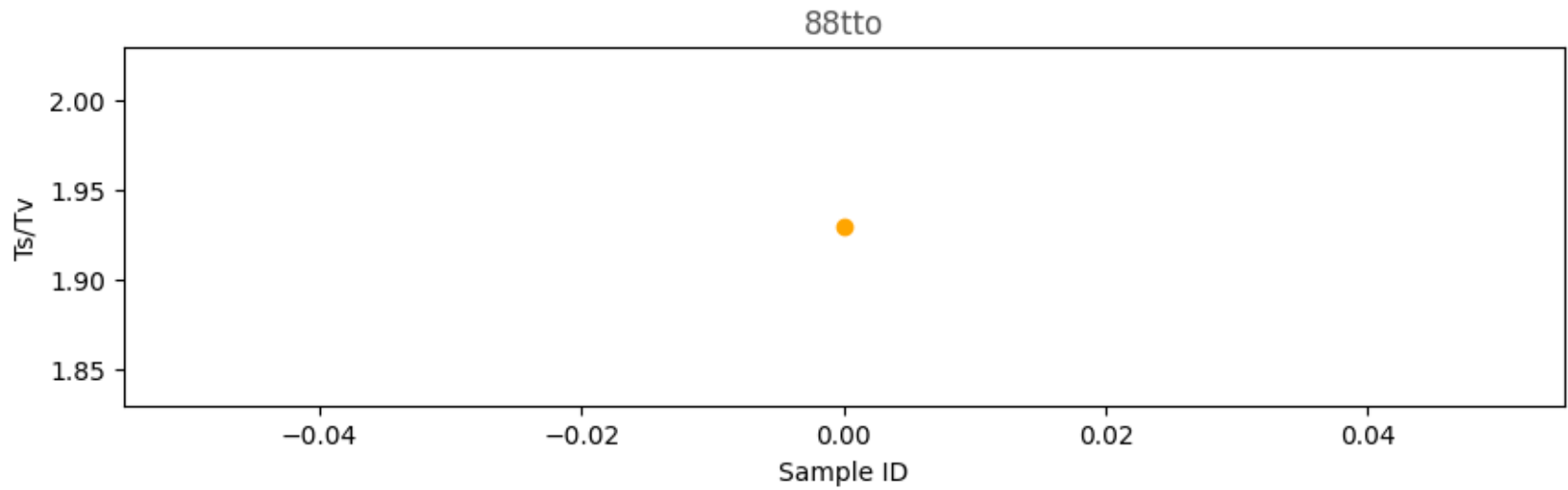
# Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
88tto	4,179,743	1.93	1.93	970,568	–	0	0
* frameshift ratio: out/(out+in)							

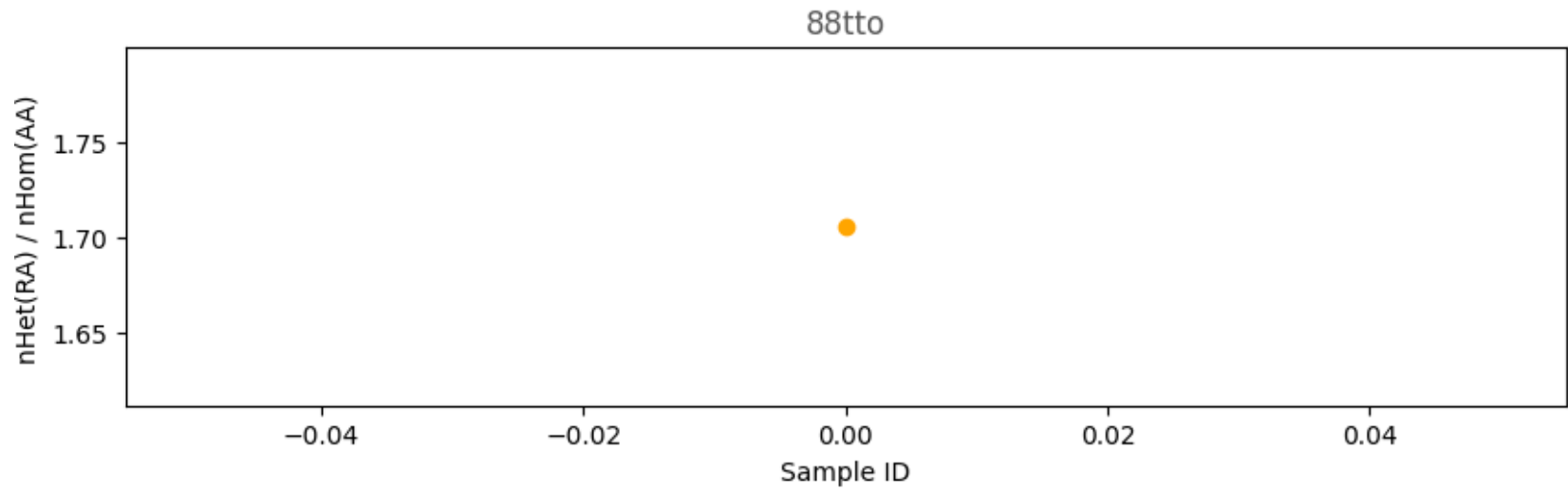
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
88tto	63.1%	1.90	67.7%	103,244	2,160

- 88tto .. /ngc/projects2/gm/data/archive/2022/variants/snv/88ttofrdm-103839506080-Normal\_Blood\_noinfo-WGS\_v1\_IlluminaDNAPCRFree\_X-220216\_A01176\_BH5TFNDSX3-RHGM\_LABKA\_WGSA\_KUT-WGSAKUT03838\_22RKG003570x01\_snv\_germline\_raw.haplotype\_caller.vcf.gz

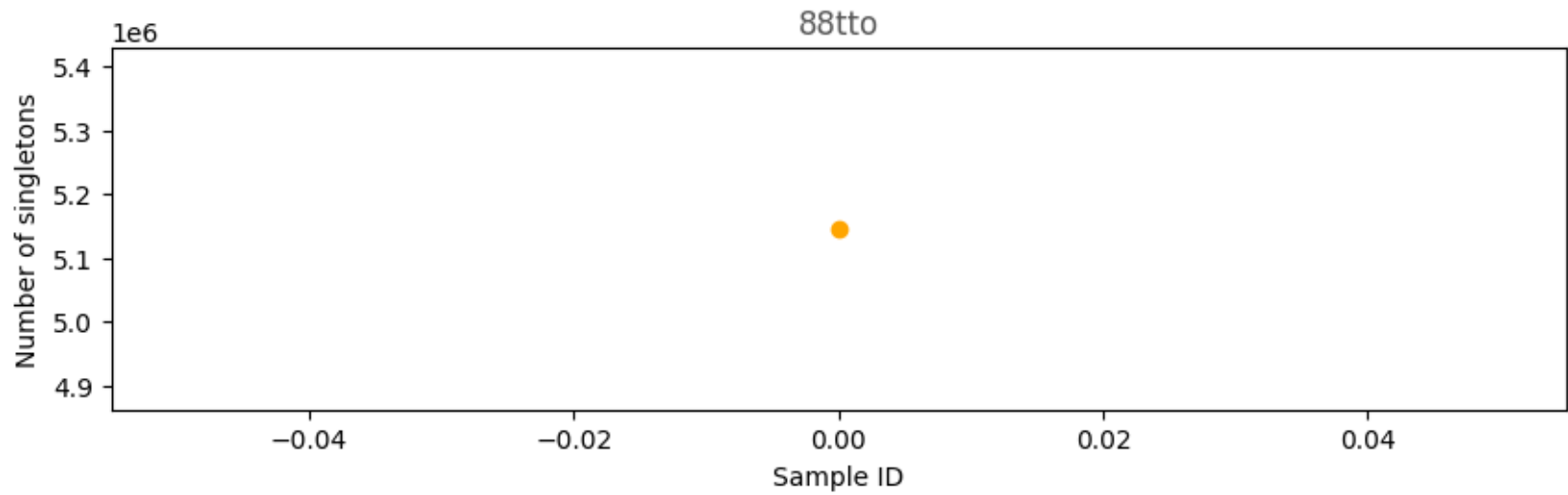
# Ts/Tv by sample



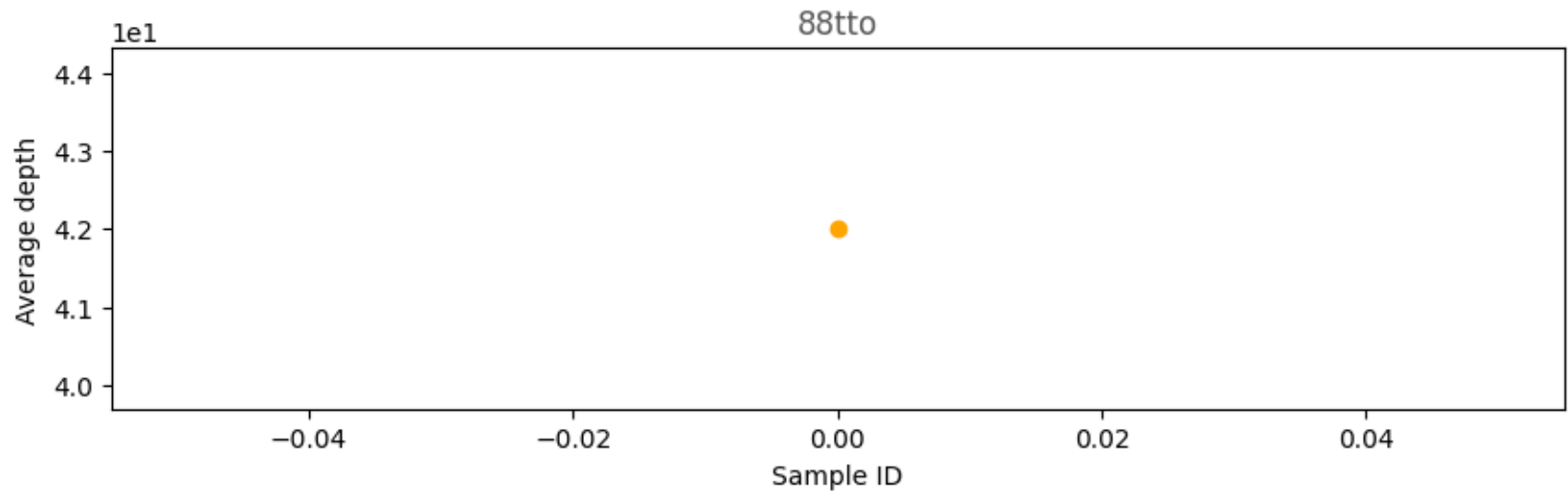
# Hets vs non-ref Homs by sample



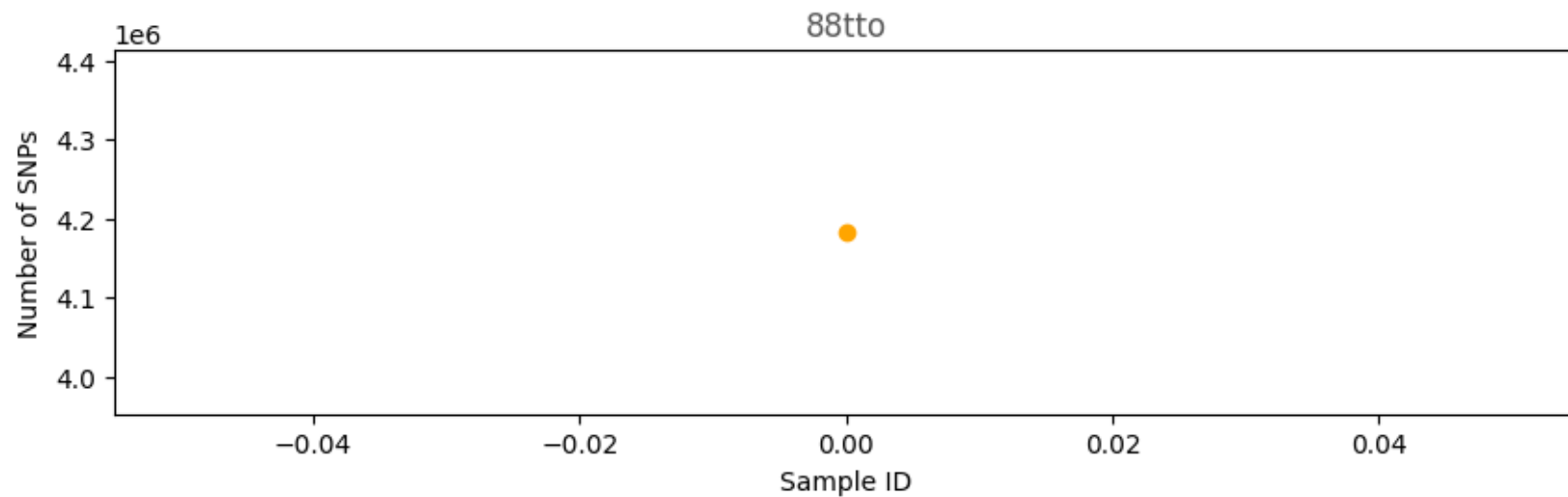
# Singletons by sample (hets and homs)



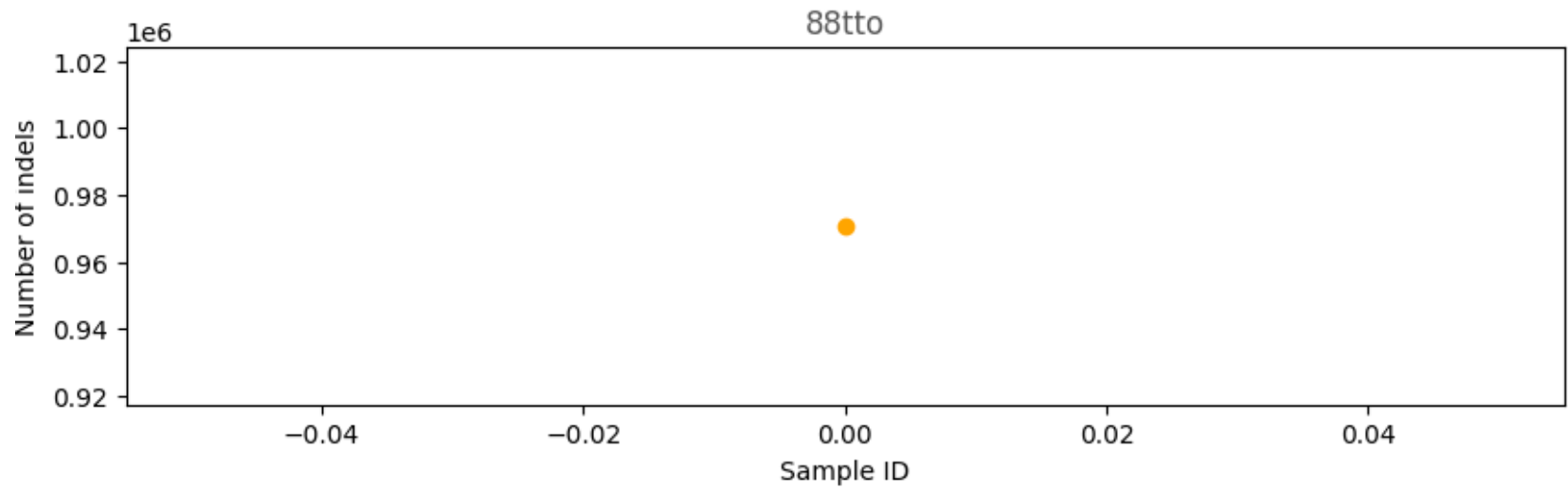
# Average depth by sample



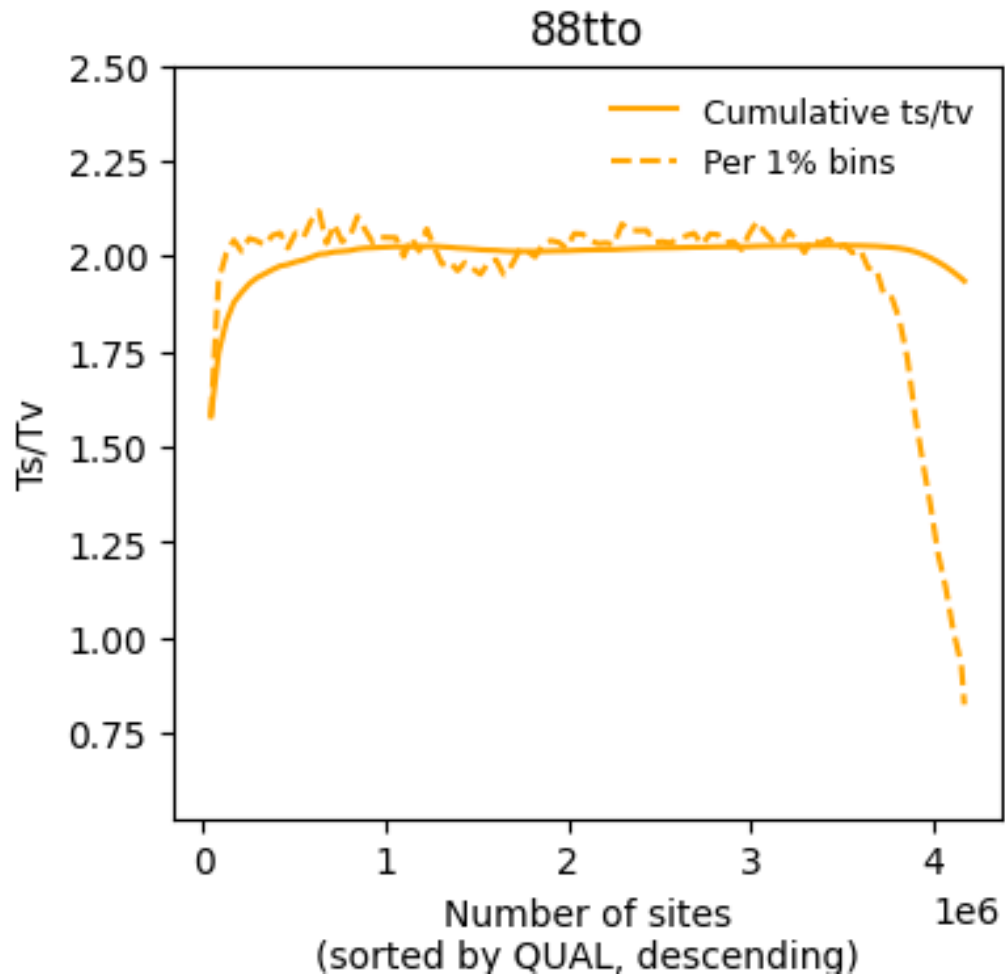
# Number of SNPs by sample



# Number of indels by sample

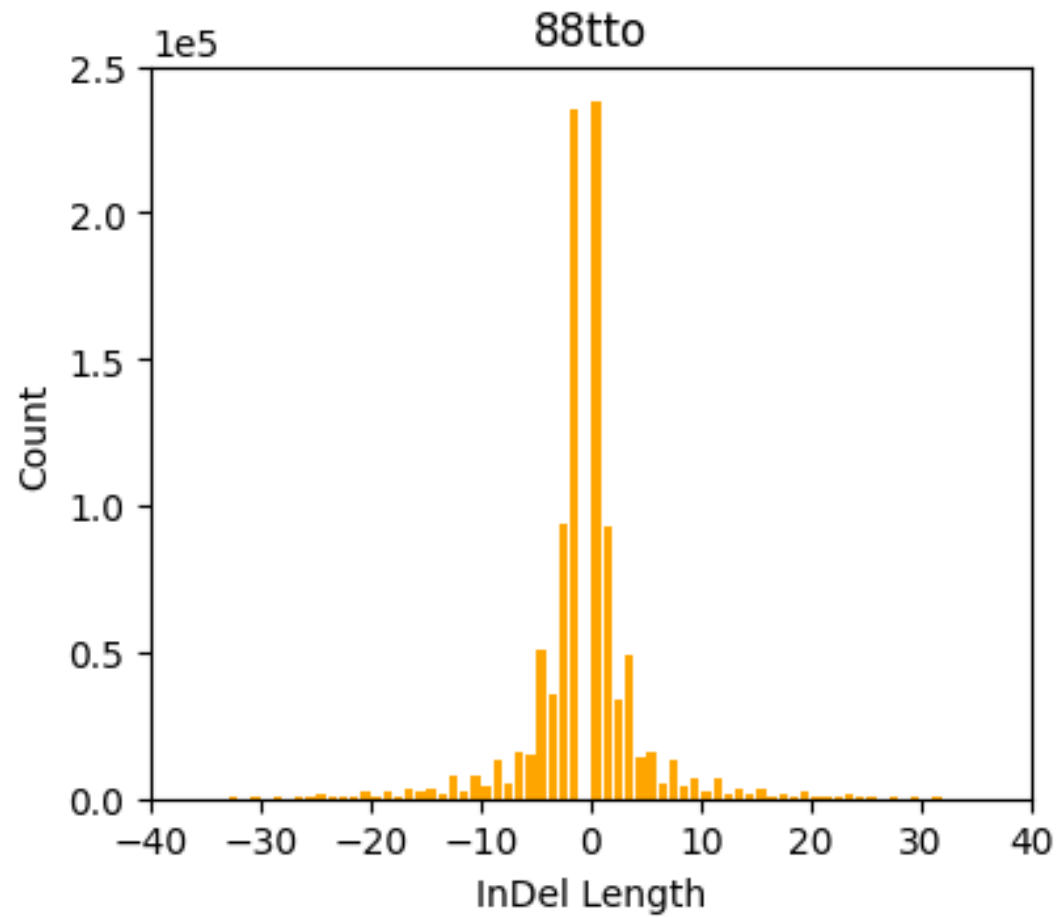


# Ts/Tv stratified by QUAL

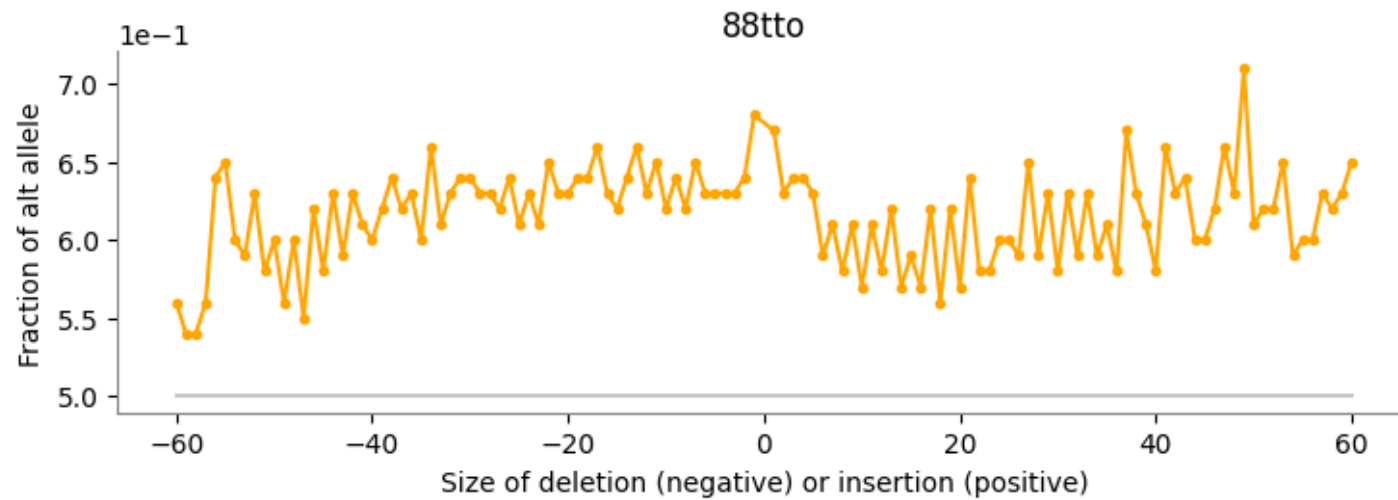




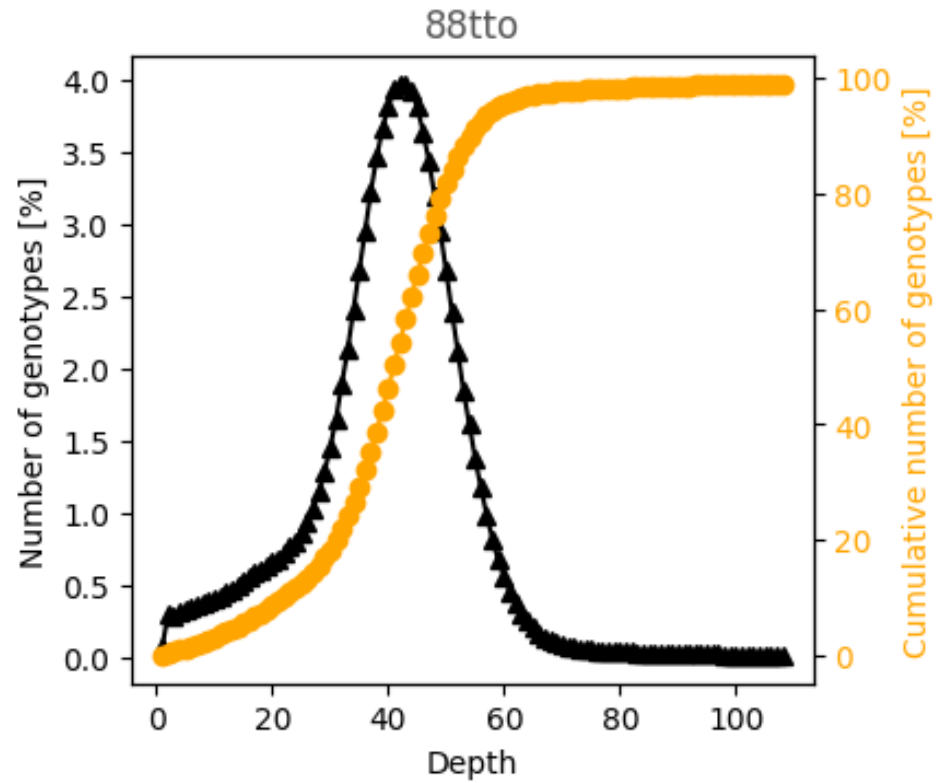
# Indel distribution



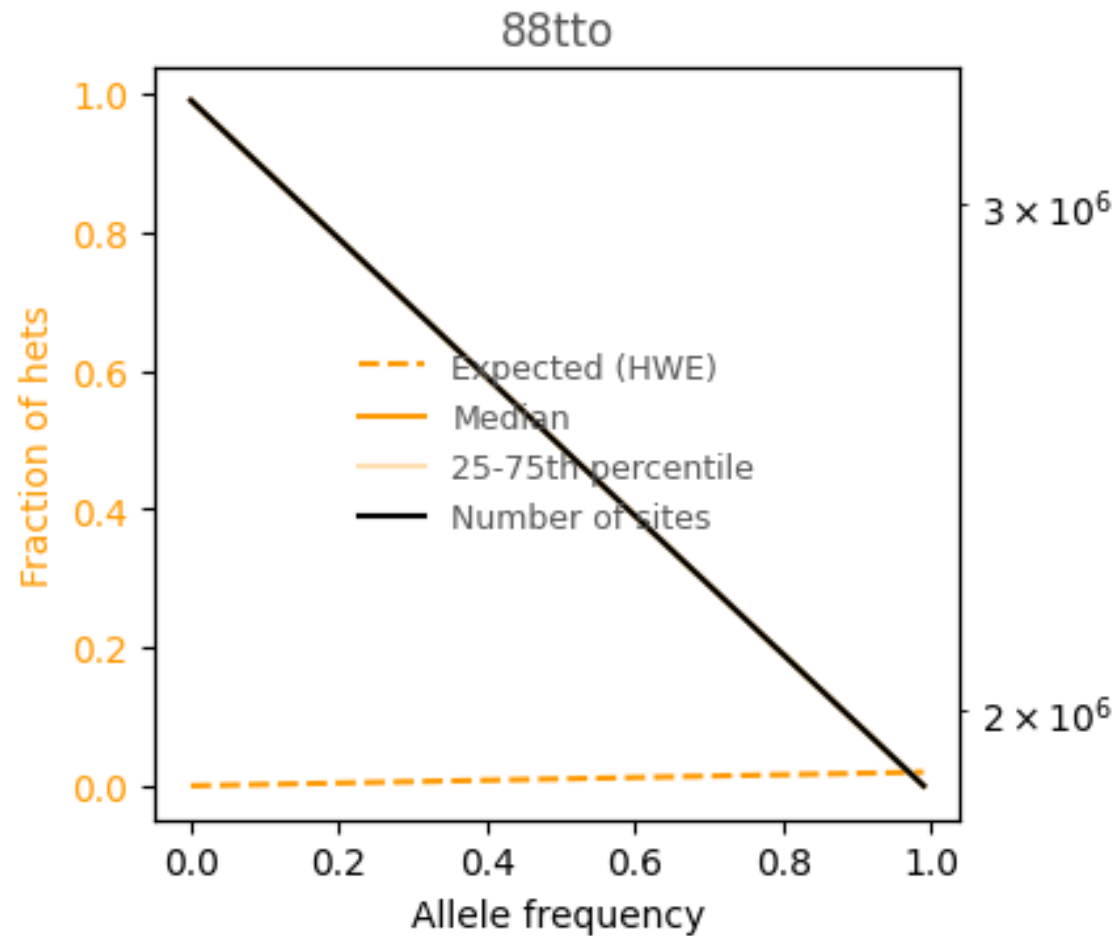
# Fraction of alternate indel allele



# Depth distribution



# Number of HETs by AF



# Substitution types

