

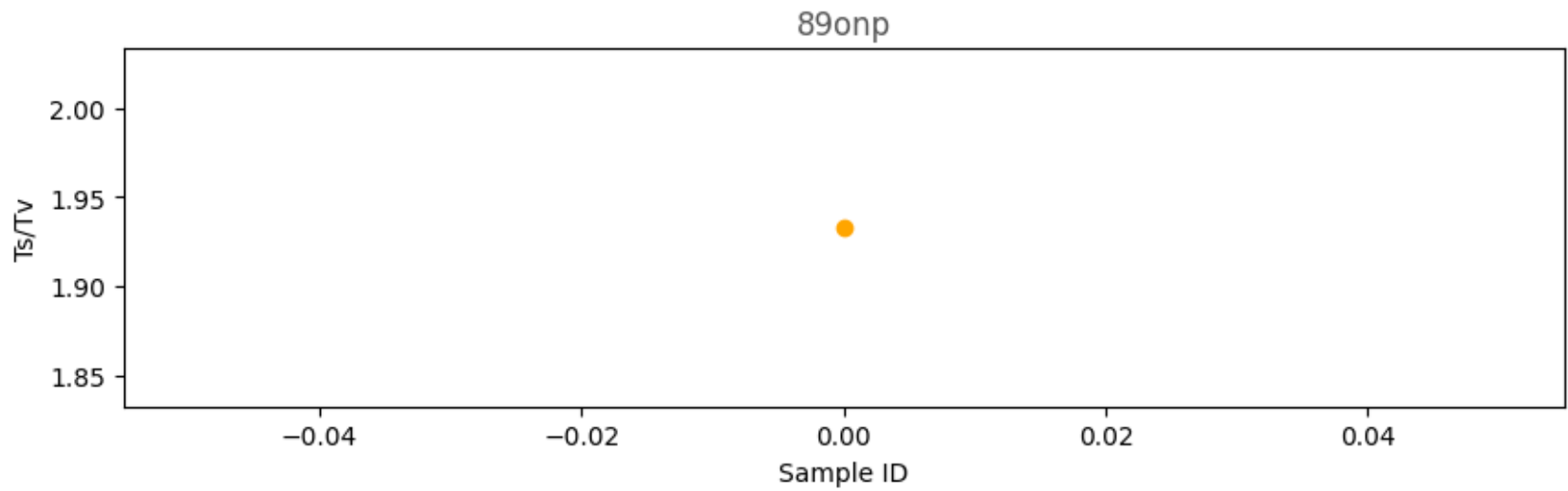
# Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
89onp	4,070,459	1.93	1.94	948,055	–	0	0
* frameshift ratio: out/(out+in)							

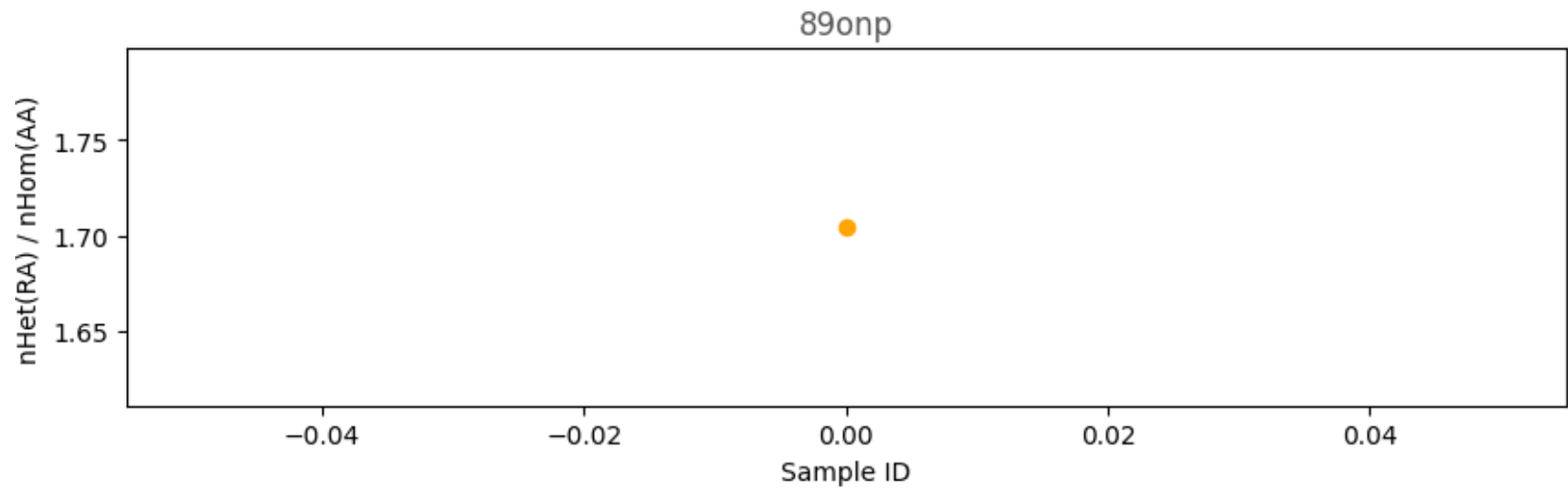
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
89onp	63.0%	1.91	67.9%	99,207	2,183

- 89onp .. /ngc/projects2/gm/data/archive/2022/variants/snv/89onpowhf-103838867054-Normal\_Blood\_noinfo-WGS\_v1\_IlluminaDNAPCRFree\_X-220225\_A01411\_AH2CHTDSX3-RHGM\_LABKA\_WGS-WGS03864\_snv\_germline\_raw.haplotype\_caller.vcf.gz

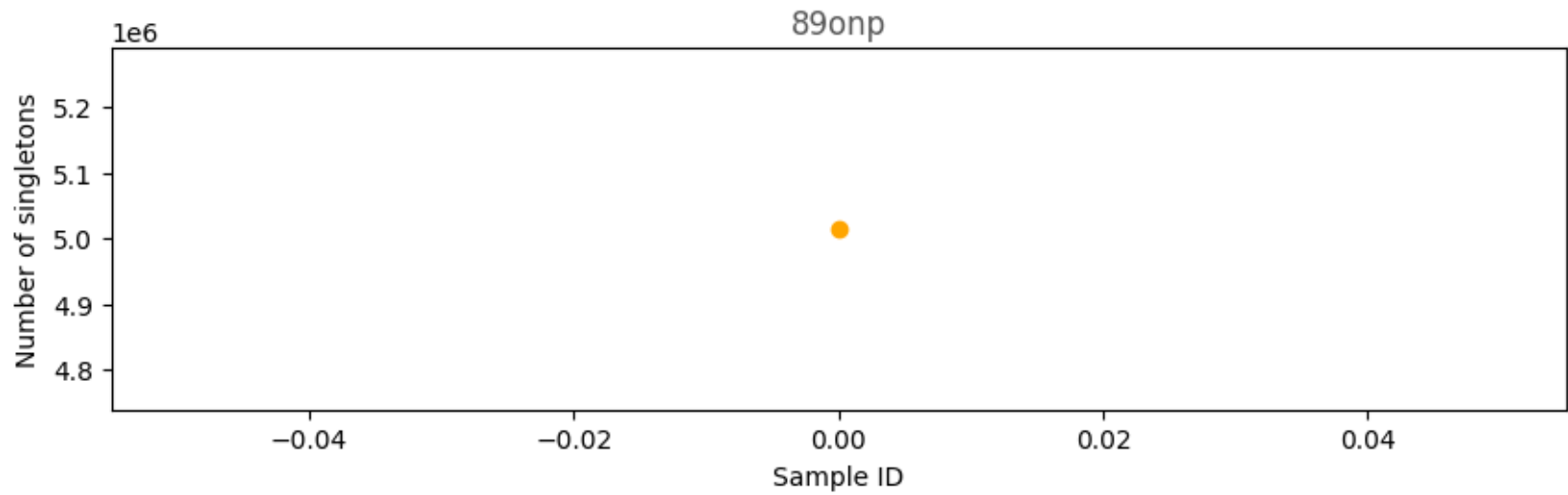
# Ts/Tv by sample



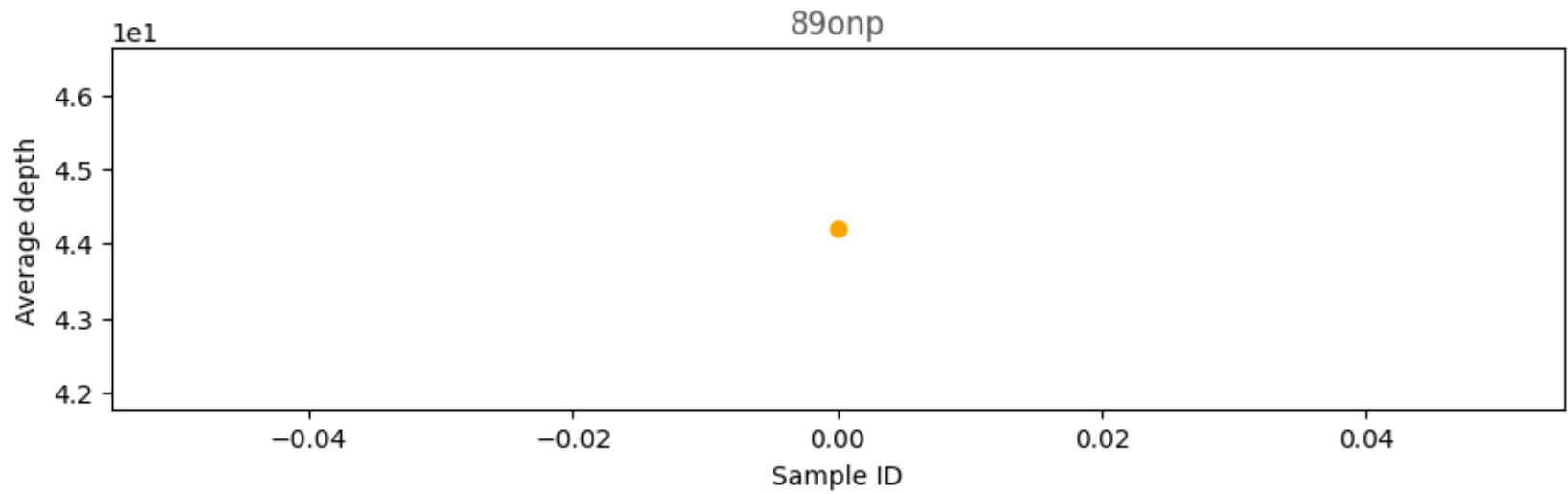
# Hets vs non-ref Homs by sample



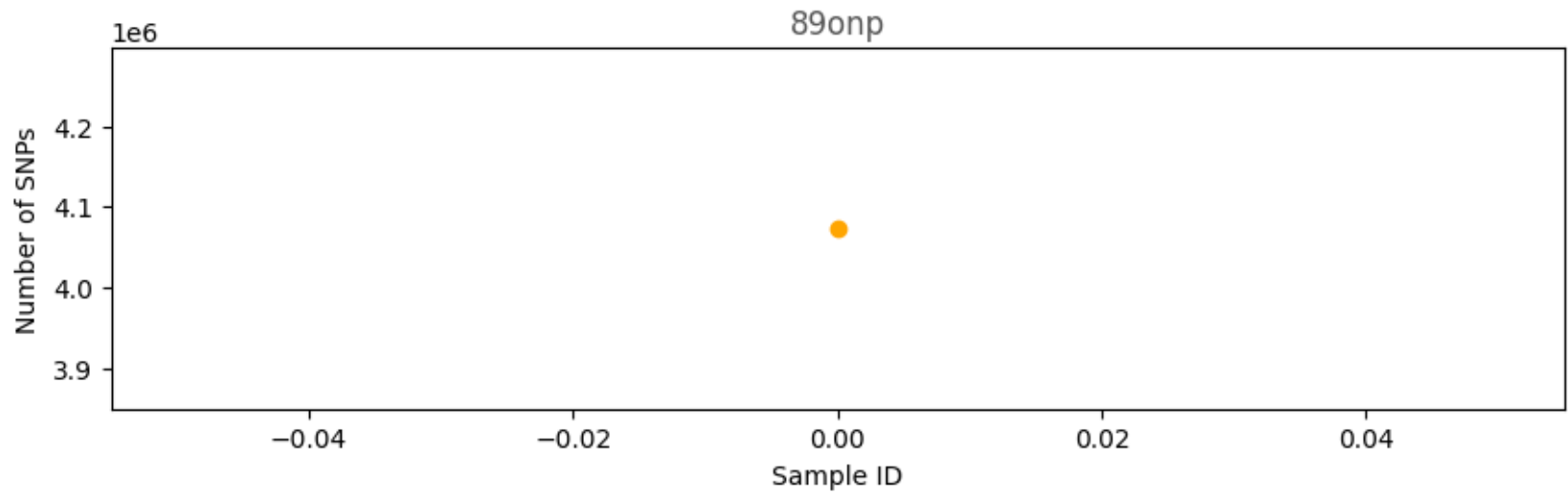
# Singletons by sample (hets and homs)



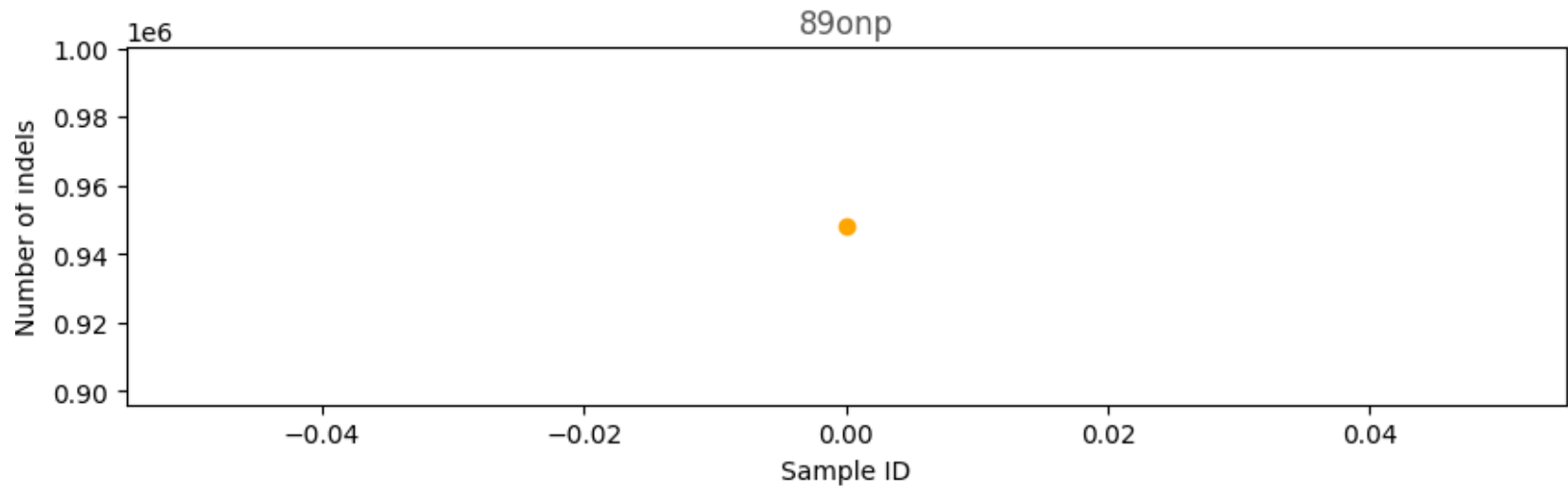
# Average depth by sample



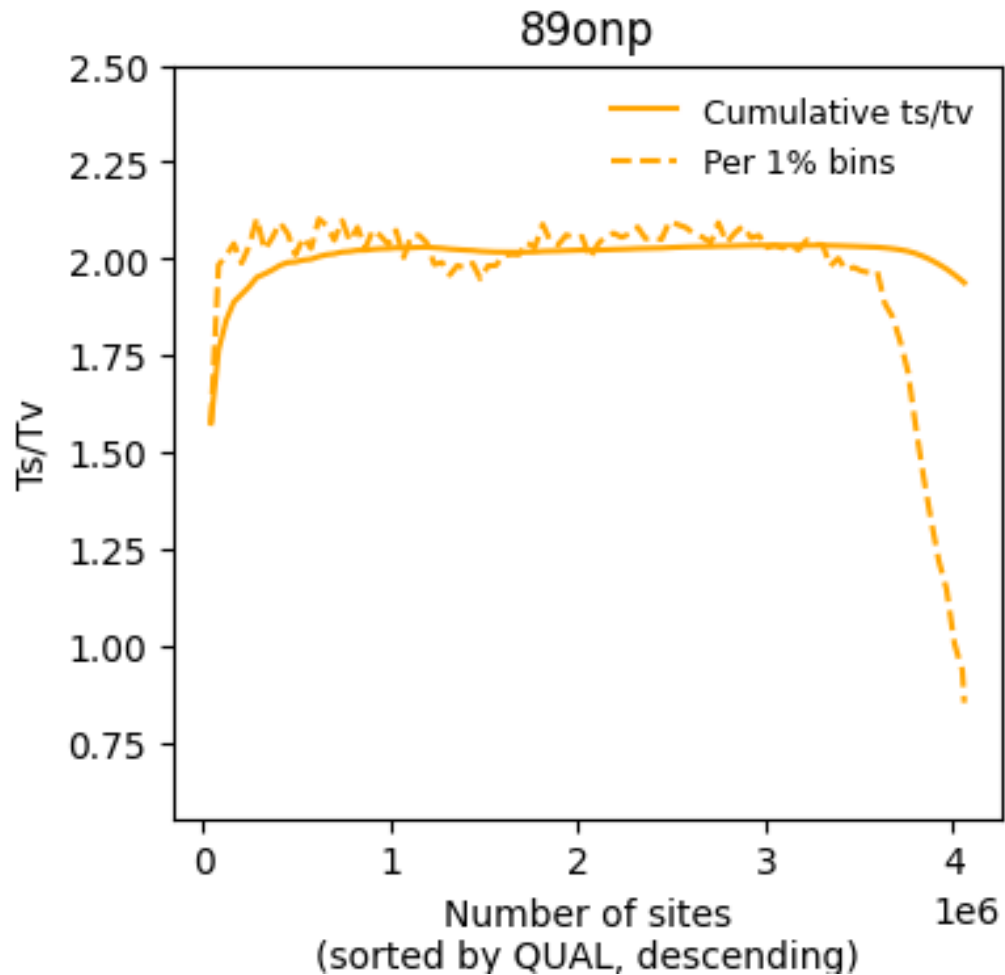
# Number of SNPs by sample



# Number of indels by sample

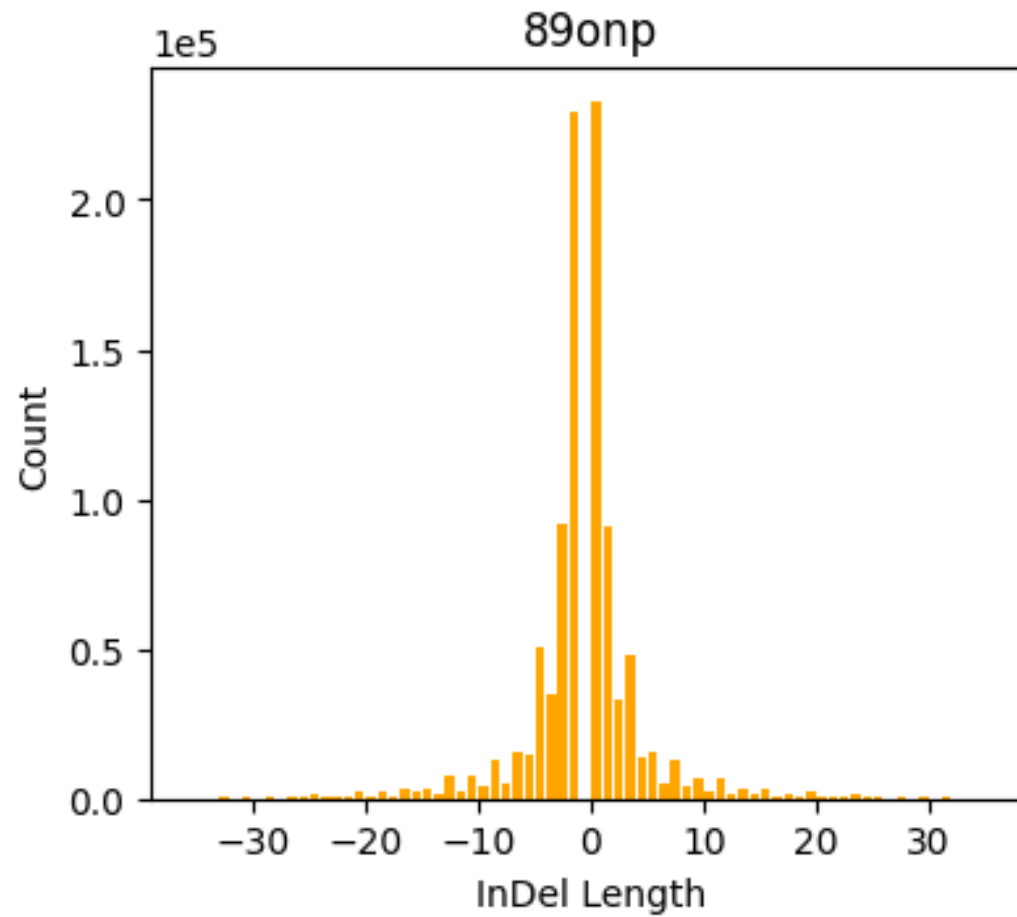


## Ts/Tv stratified by QUAL

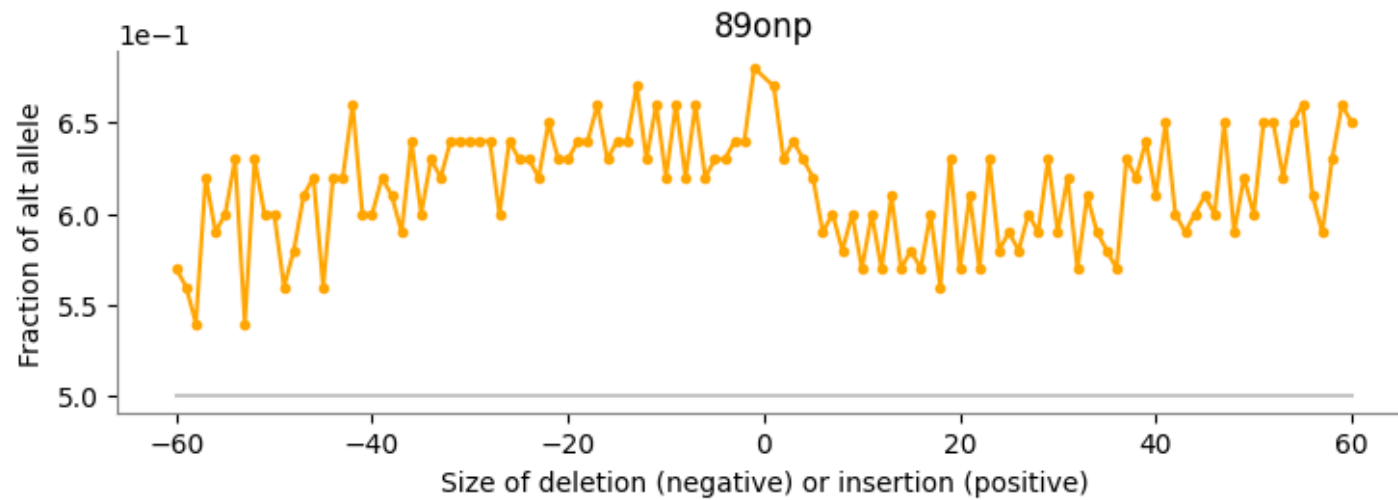




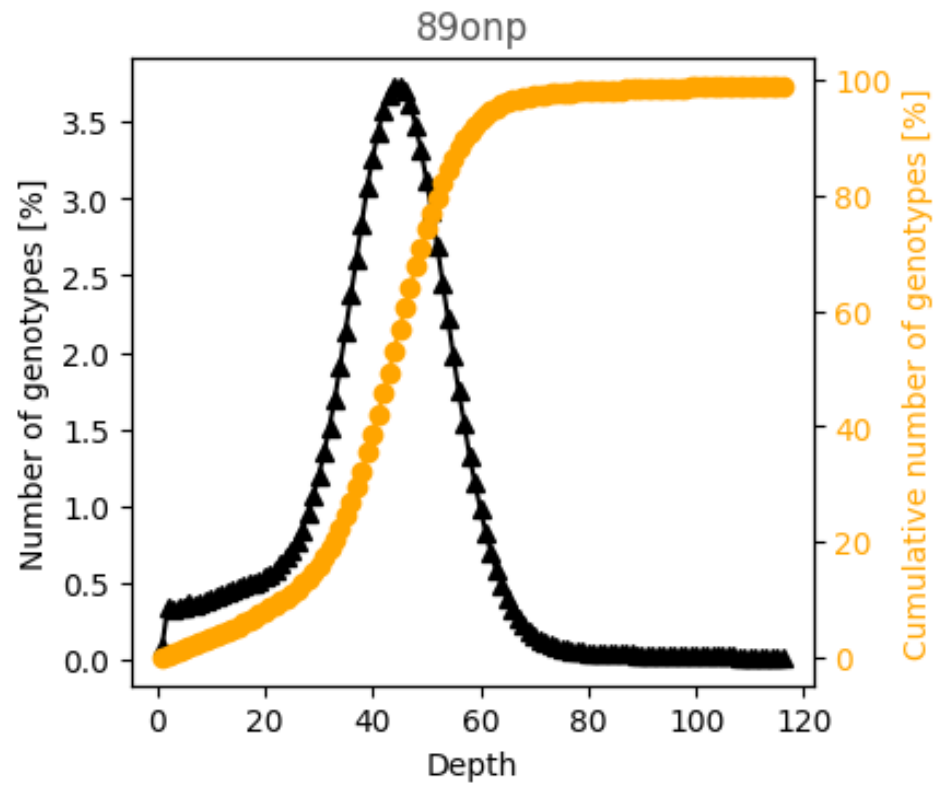
# Indel distribution



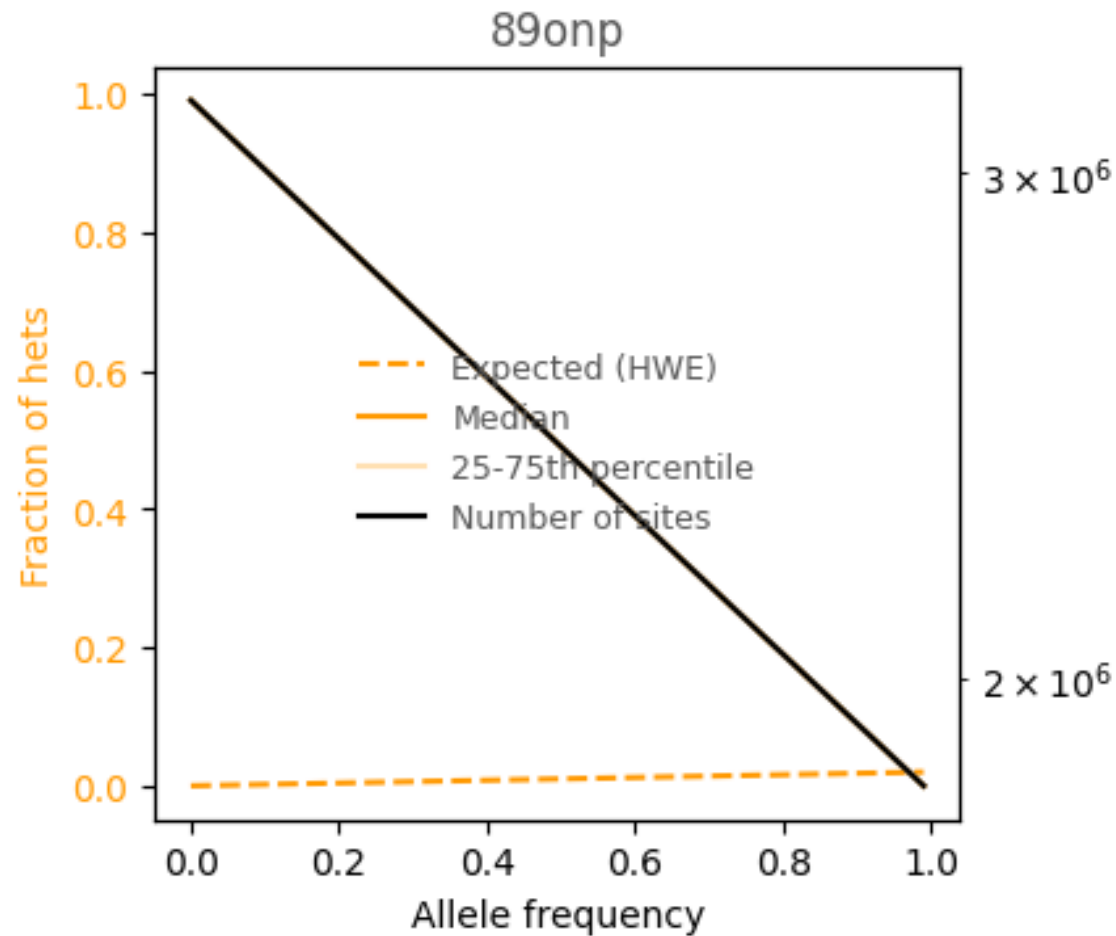
# Fraction of alternate indel allele



# Depth distribution



# Number of HETs by AF



# Substitution types

