

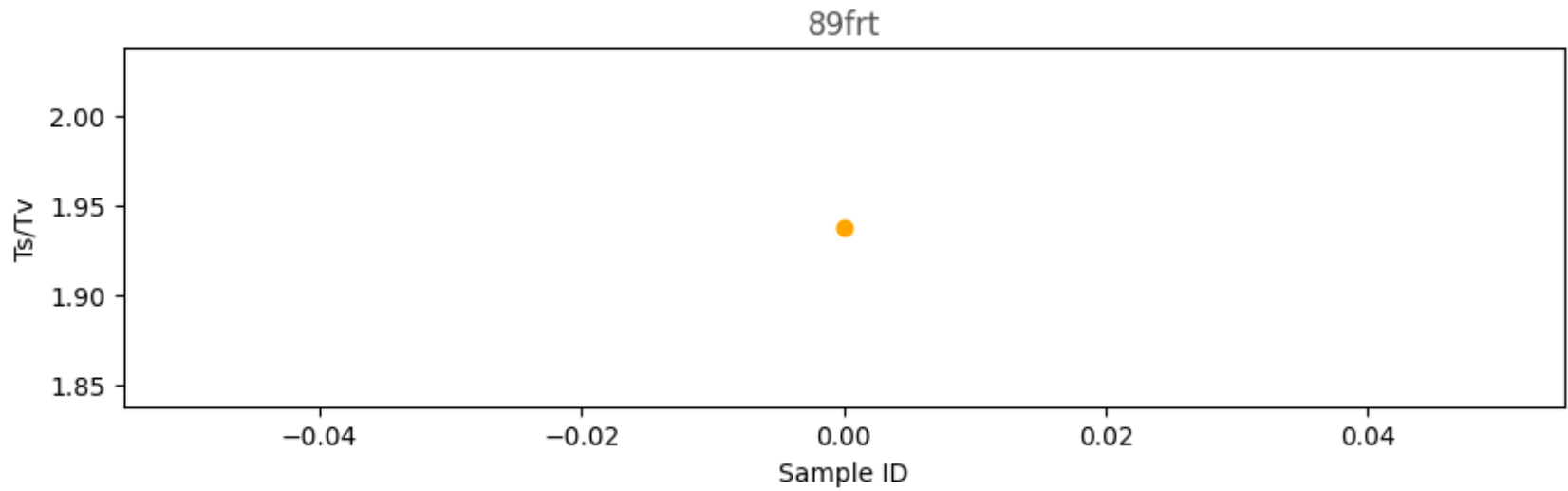
# Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
89frt	4,067,103	1.94	1.94	944,351	–	0	0
* frameshift ratio: out/(out+in)							

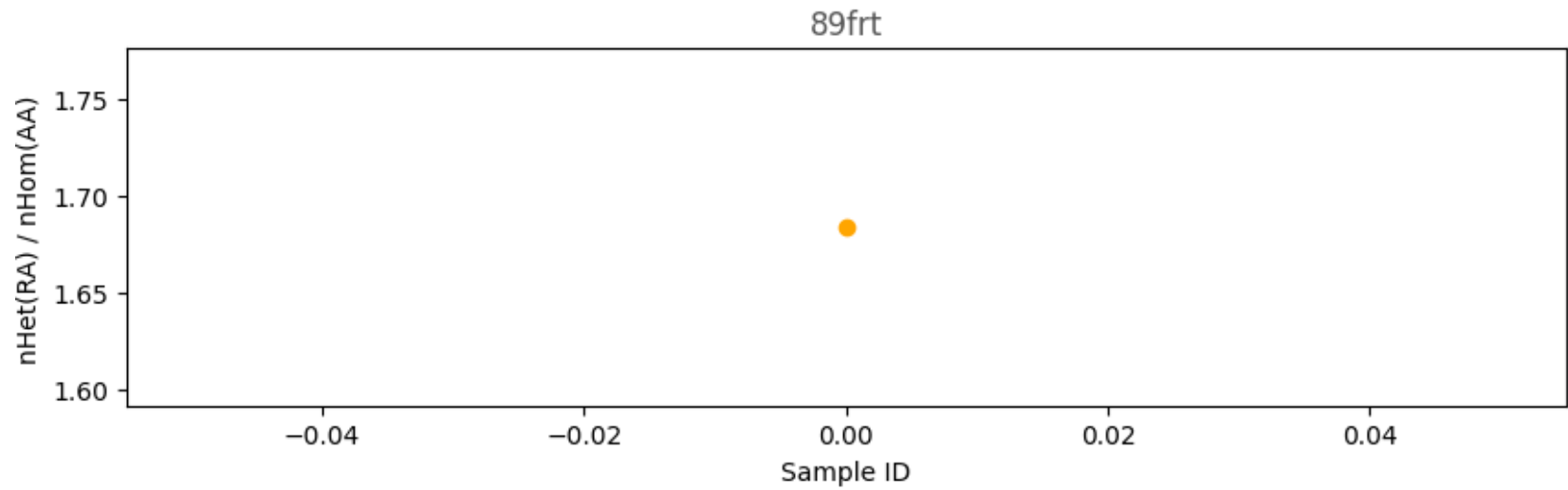
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
89frt	62.8%	1.91	67.6%	96,956	1,995

- 89frt .. /ngc/projects2/gm/data/archive/2022/variants/snv/89frtibyf-103893002310-Normal\_B  
 lood\_noinfo-WGS\_v1\_IlluminaDNAPCRFree\_X-220720\_A00559\_AHMHLDX3-RHGM\_LABKA\_WGSA  
 KUT-WGSAKUT04650\_22RKG017235x01\_snv\_germline\_raw.haplotype\_caller.vcf.gz

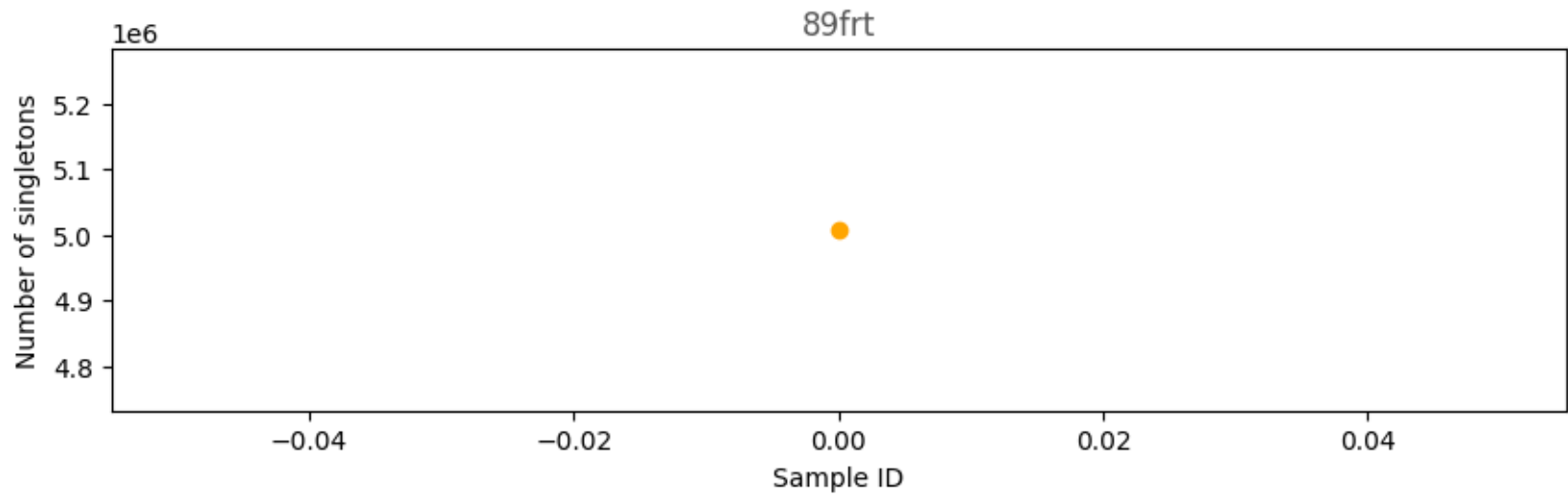
# Ts/Tv by sample



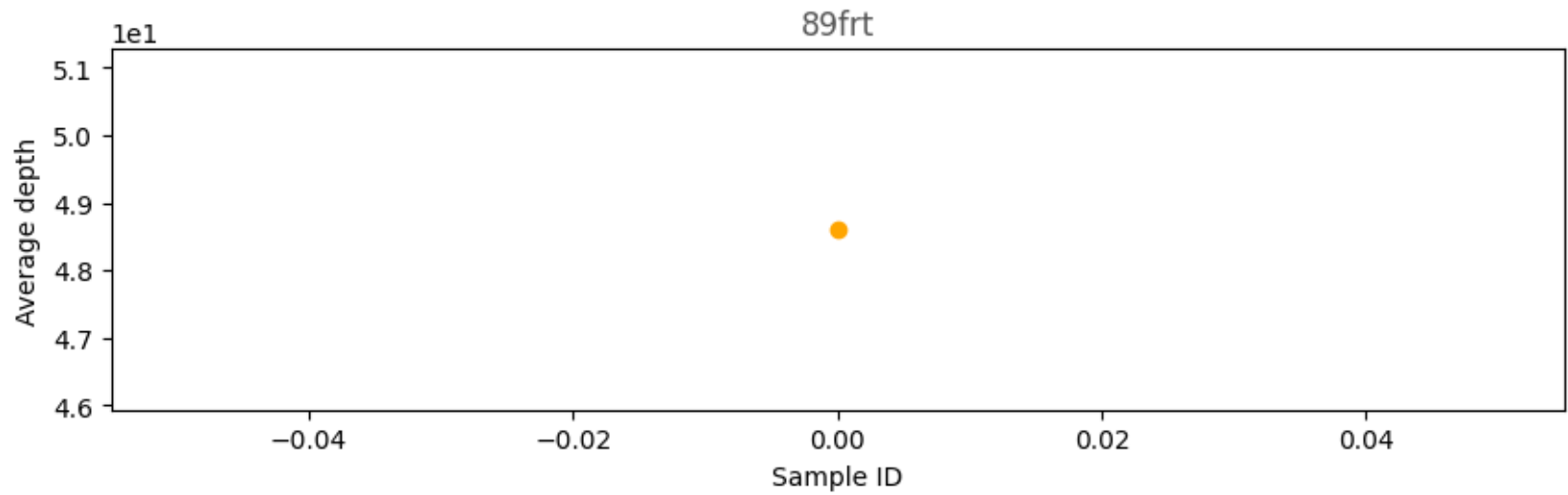
# Hets vs non-ref Homs by sample



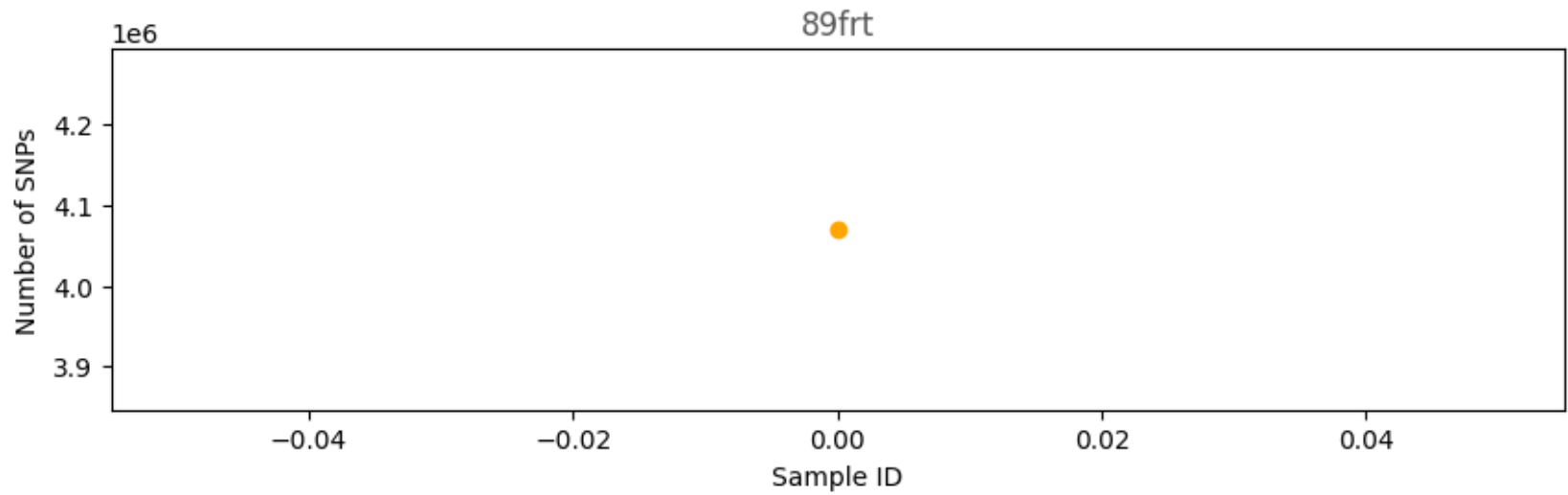
# Singletons by sample (hets and homs)



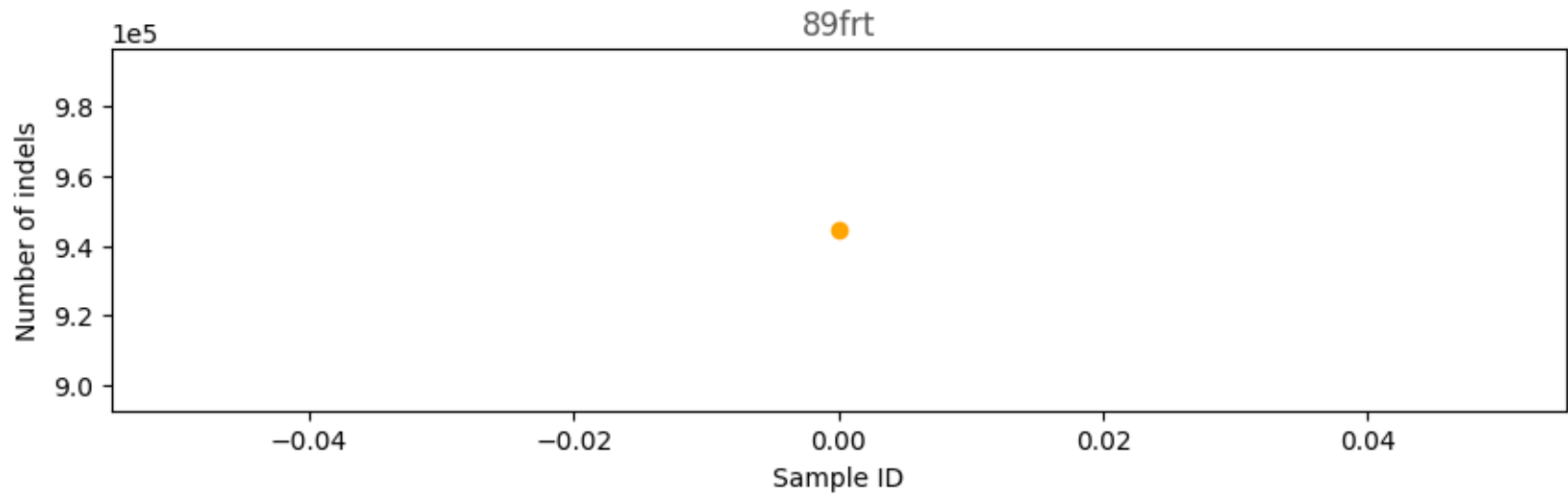
# Average depth by sample



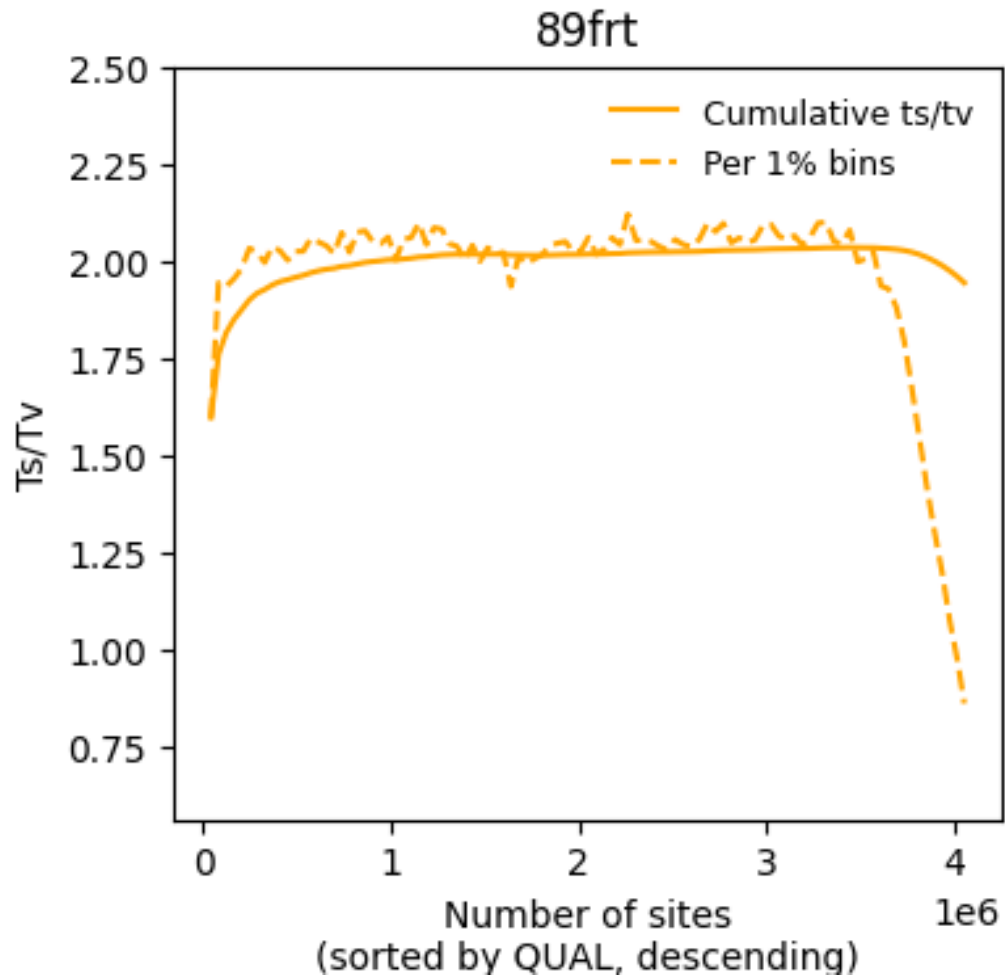
# Number of SNPs by sample



# Number of indels by sample

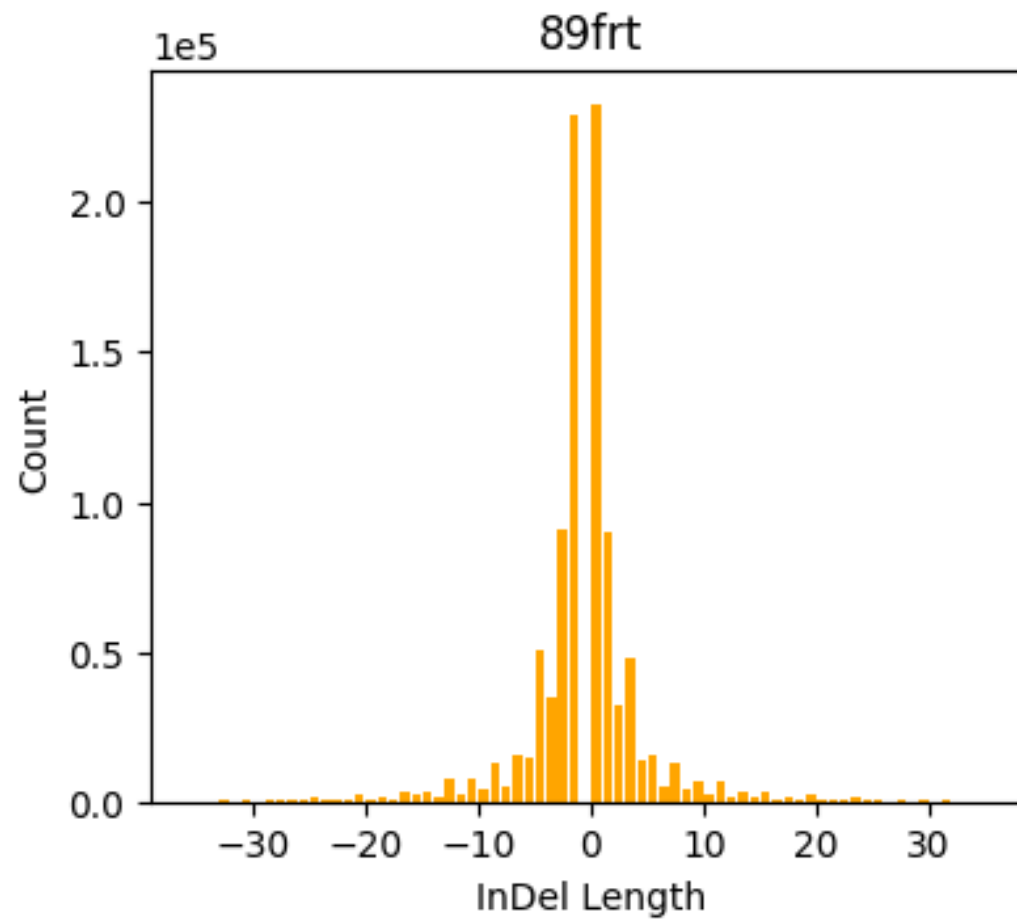


## Ts/Tv stratified by QUAL

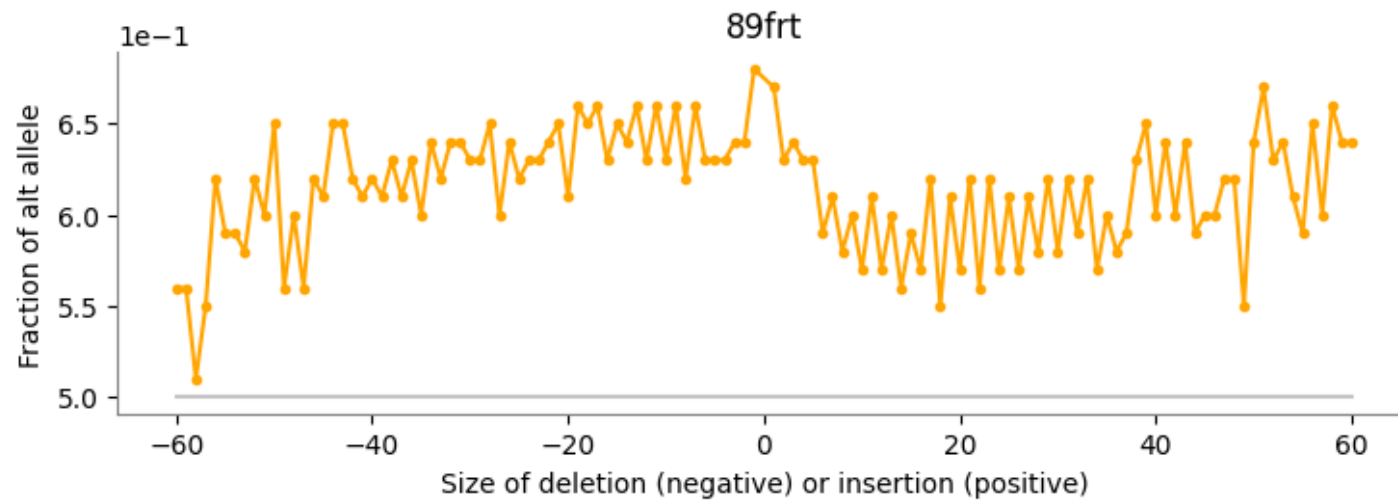




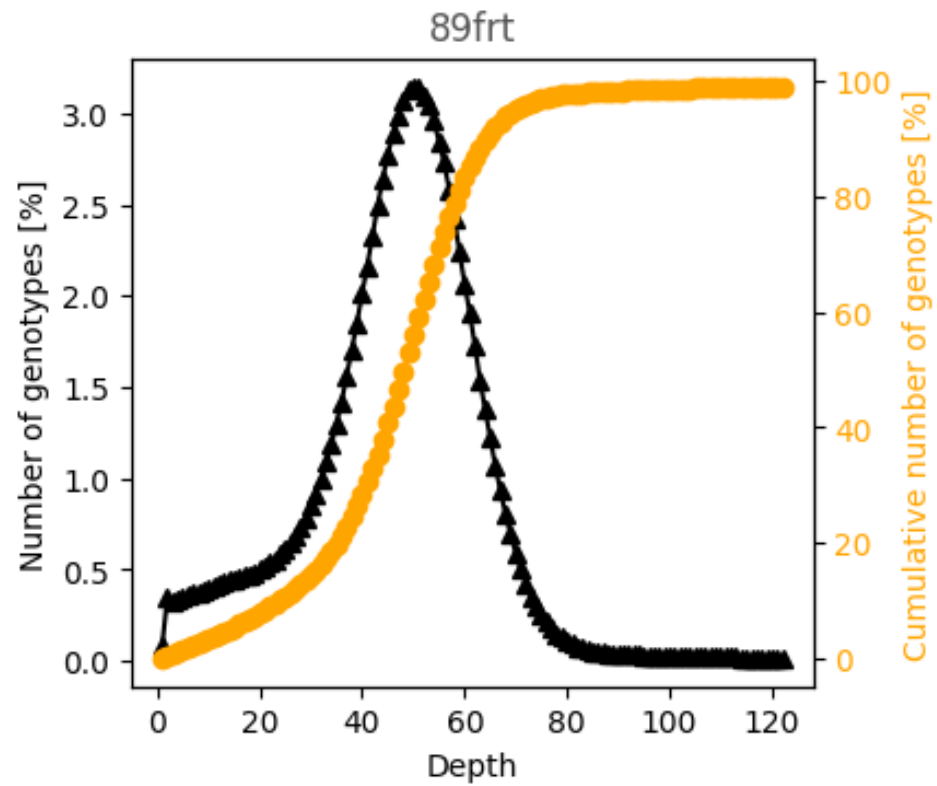
# Indel distribution



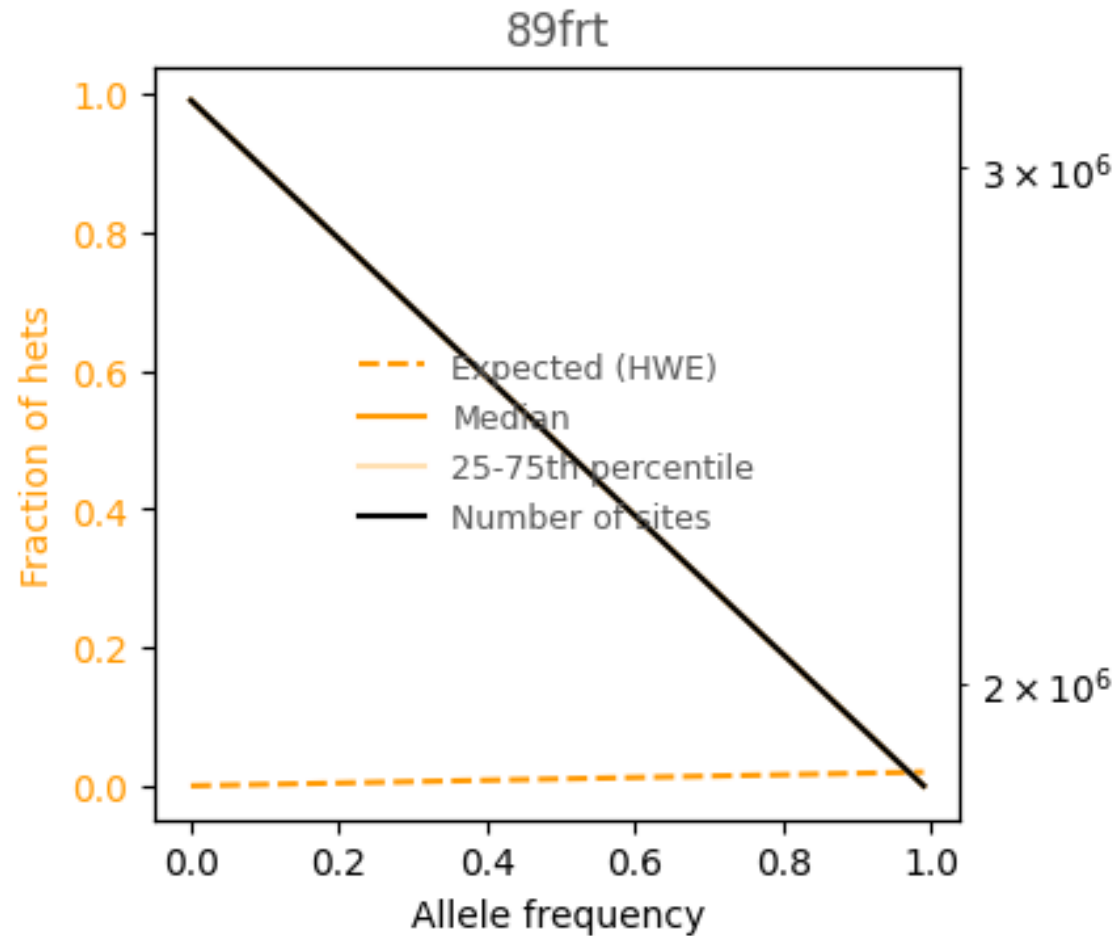
# Fraction of alternate indel allele



# Depth distribution



# Number of HETs by AF



# Substitution types

