

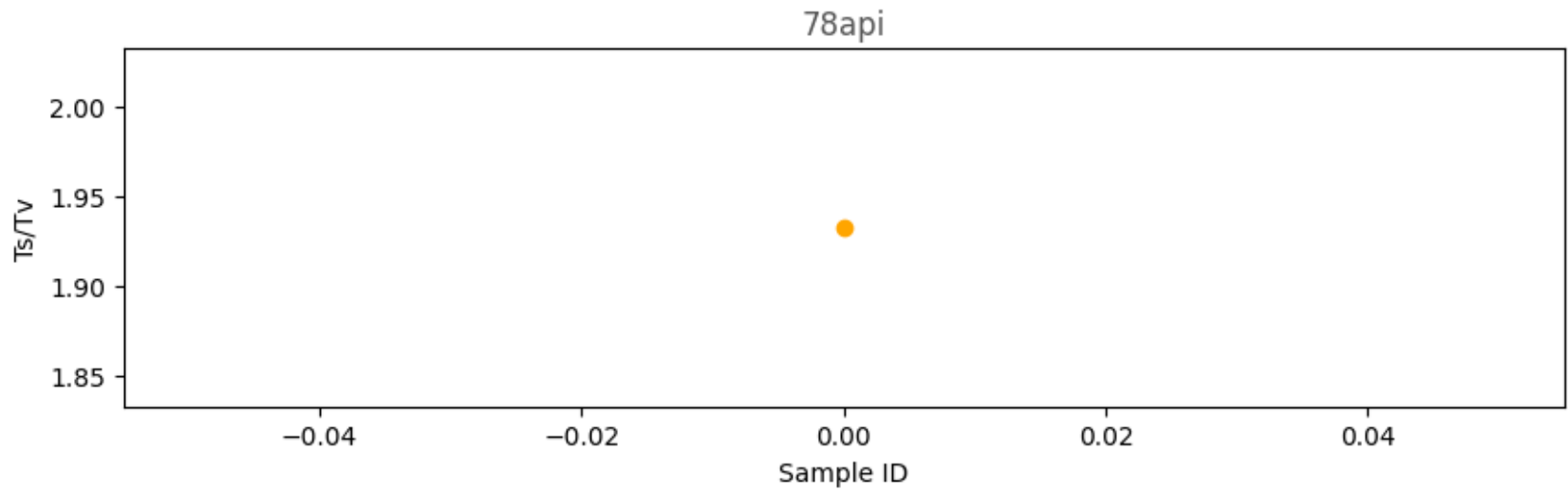
# Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
78api	4,083,231	1.93	1.94	943,790	–	0	0
* frameshift ratio: out/(out+in)							

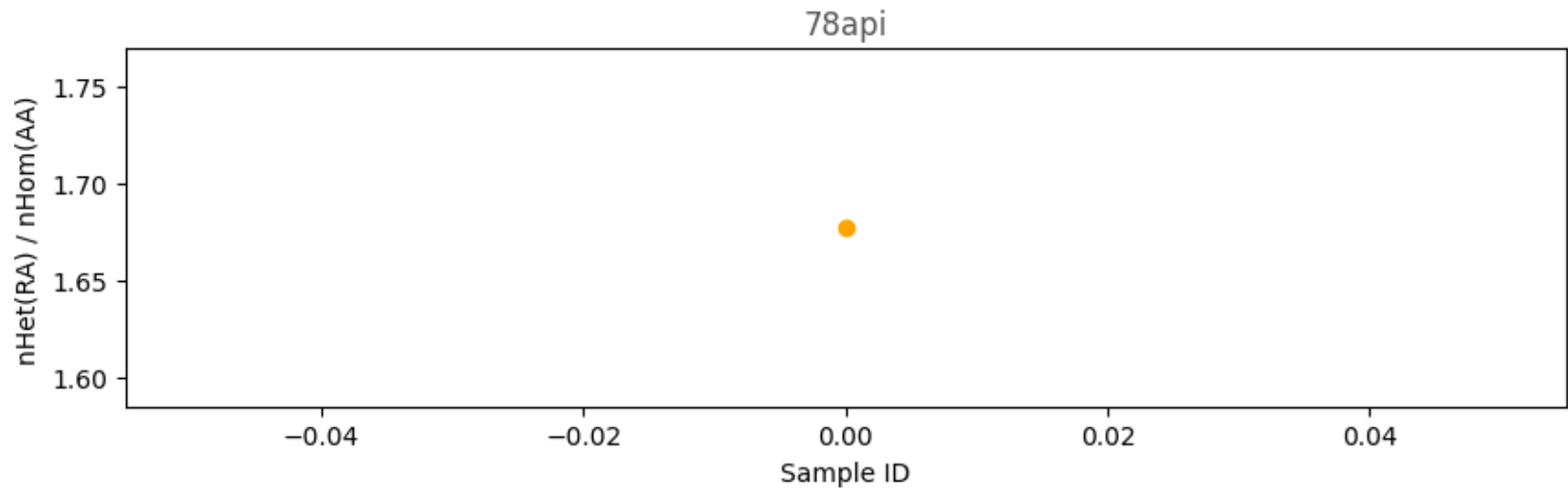
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
78api	62.7%	1.91	67.7%	97,112	2,194

- 78api .. /ngc/projects2/gm/data/archive/2022/variants/snv/78apinyf-103807341956-Normal\_Blood\_noinfo-WGS\_v1\_IlluminaDNAPCRFree\_X-211124\_A01411\_BHWHNFDSX2-RHGM\_LABKA\_WGSA\_KUT-WGSAKUT03360\_21RKG027691x01\_snv\_germline\_raw.haplotype\_caller.vcf.gz

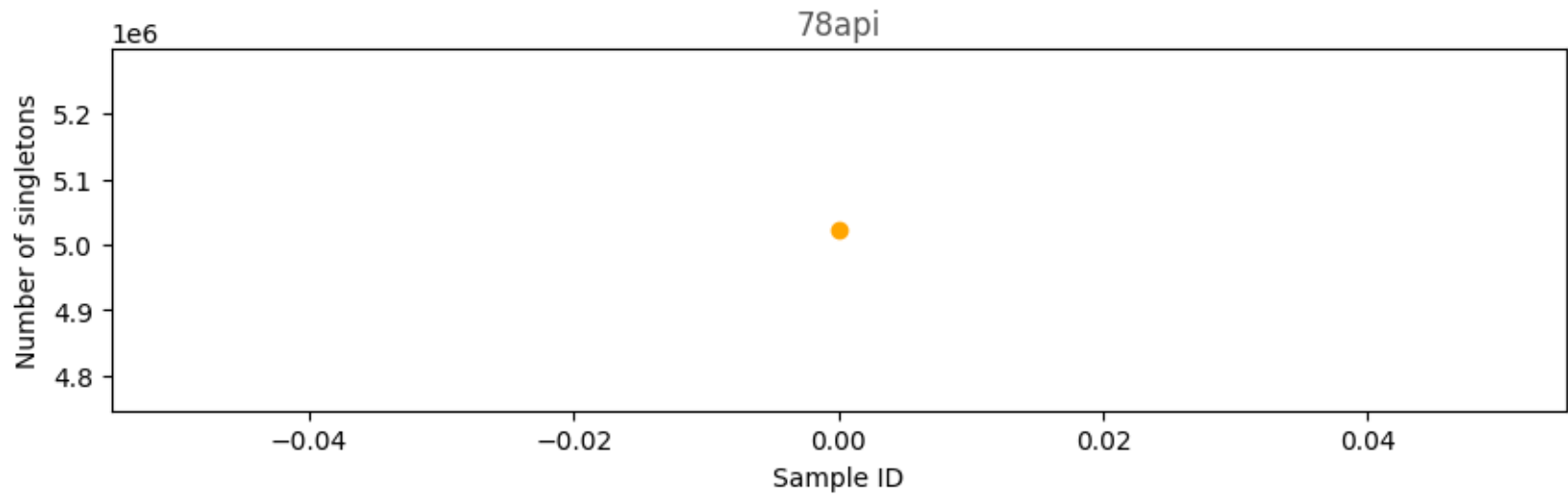
# Ts/Tv by sample



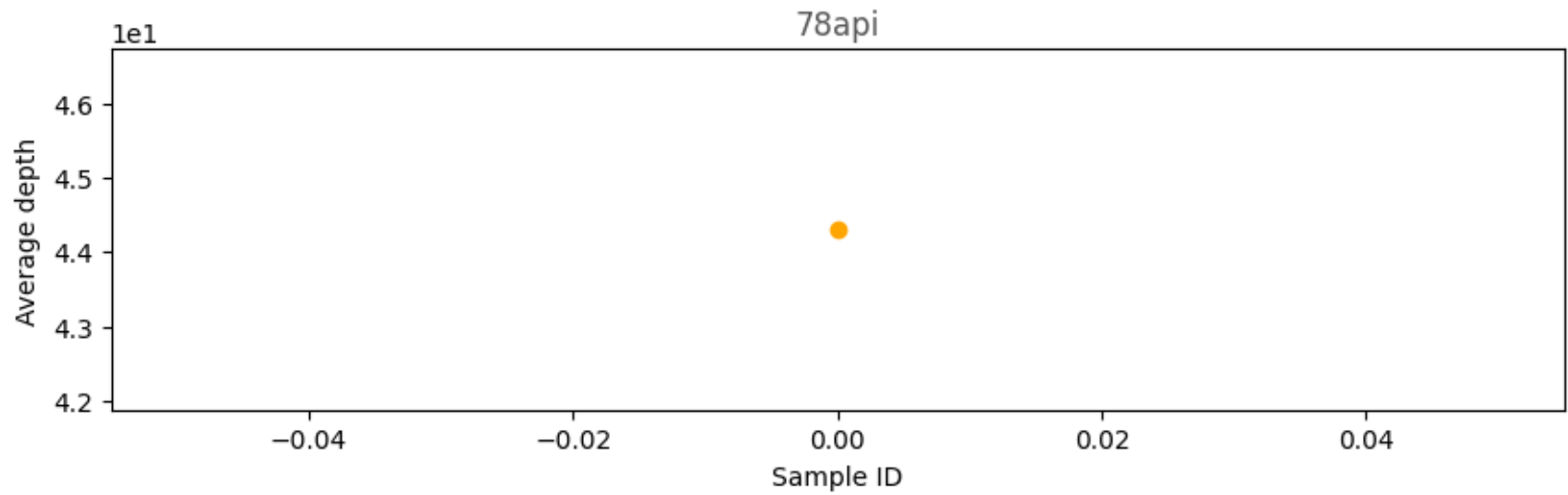
# Hets vs non-ref Homs by sample



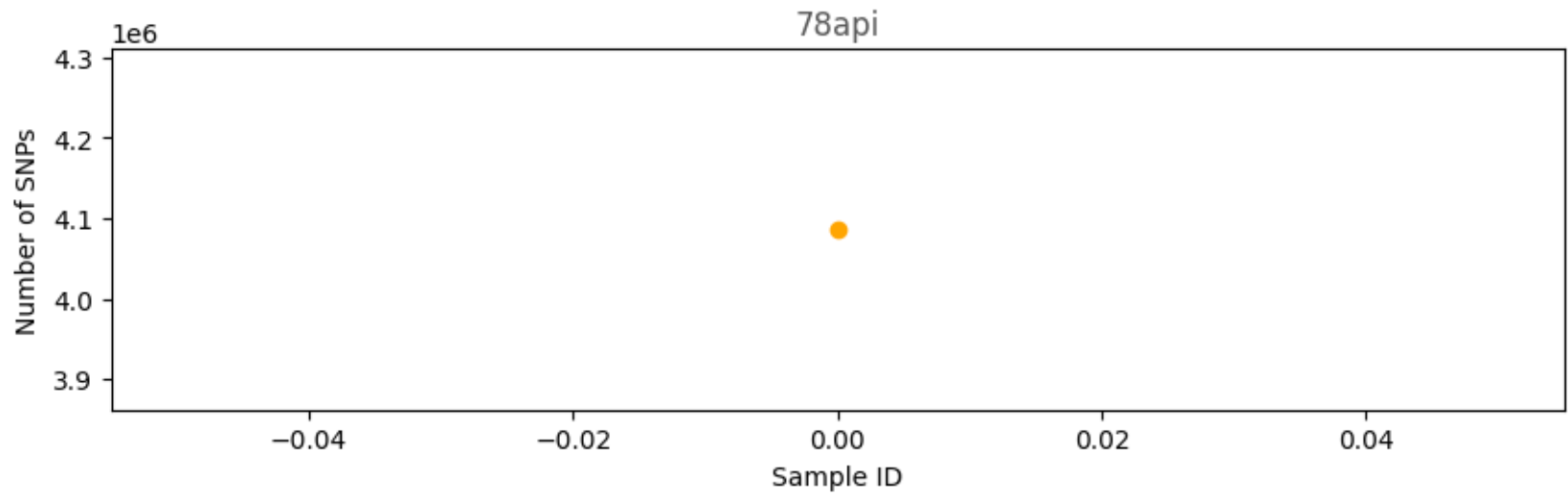
# Singletons by sample (hets and homs)



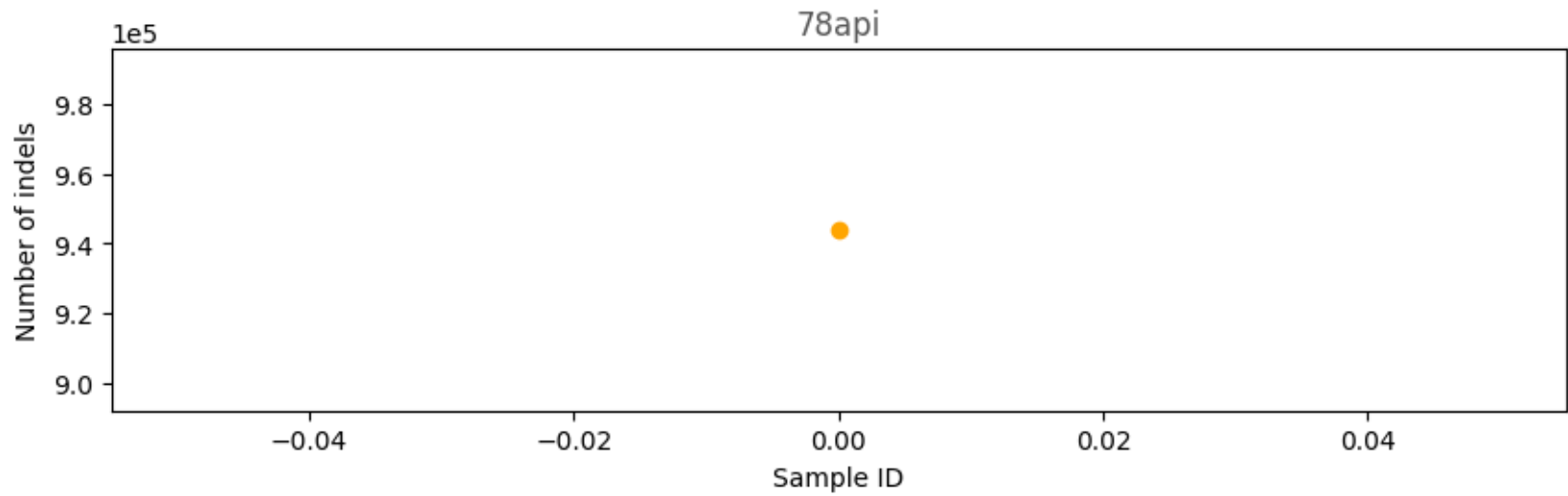
# Average depth by sample



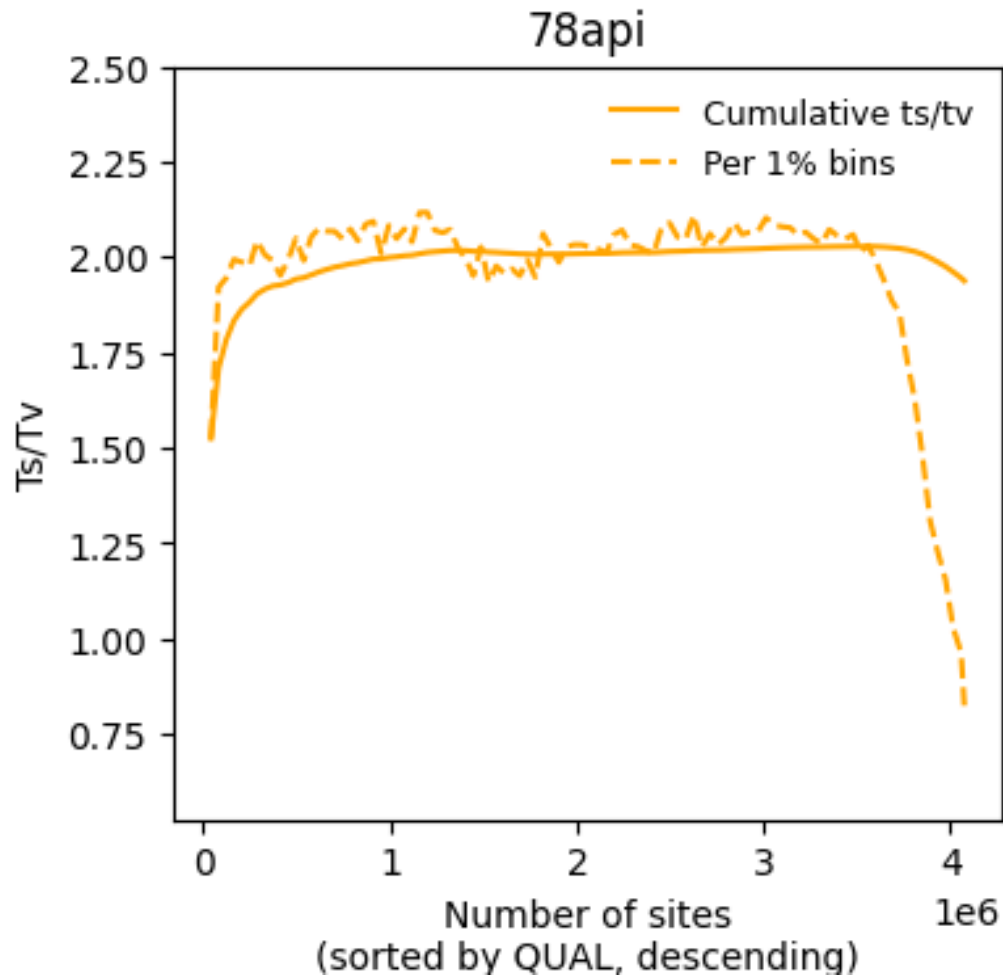
# Number of SNPs by sample



# Number of indels by sample

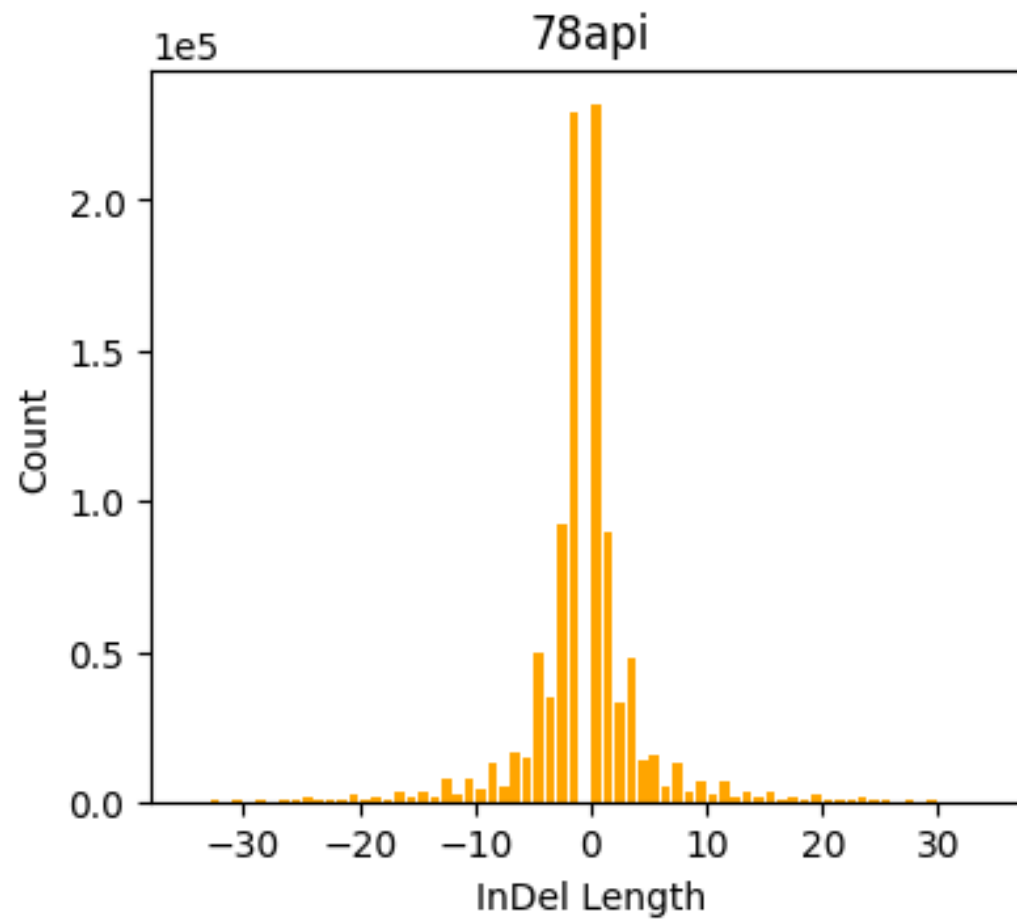


## Ts/Tv stratified by QUAL

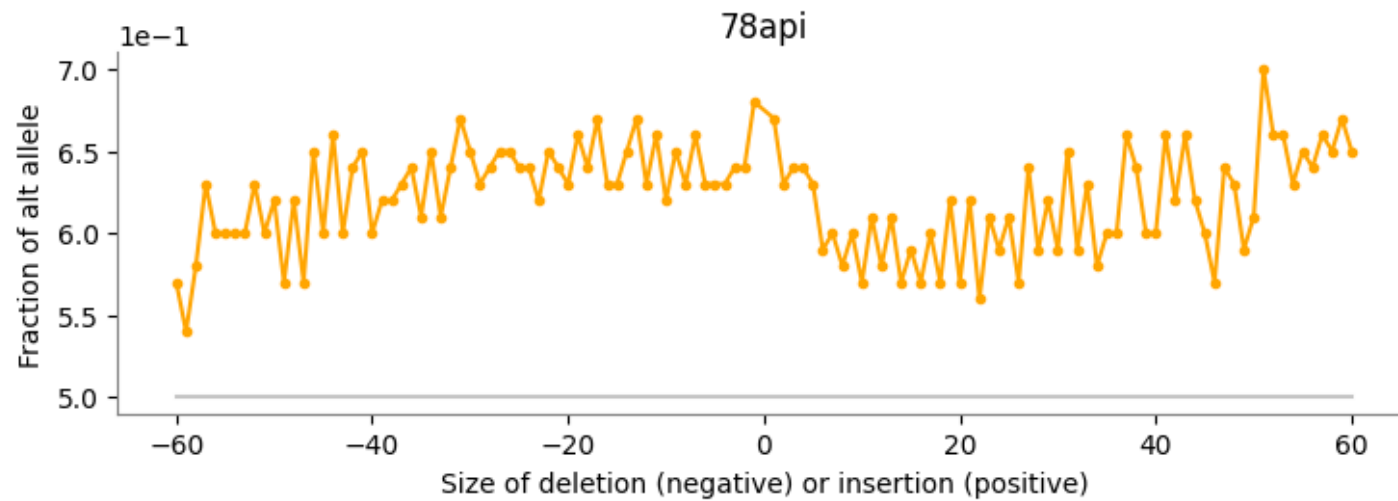




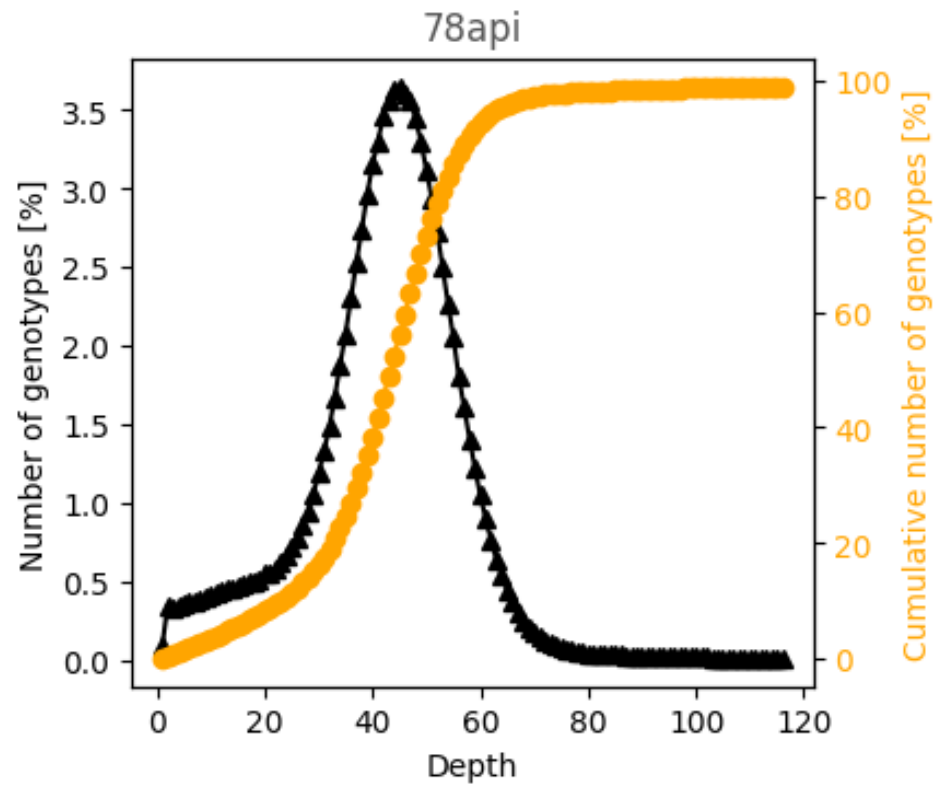
# Indel distribution



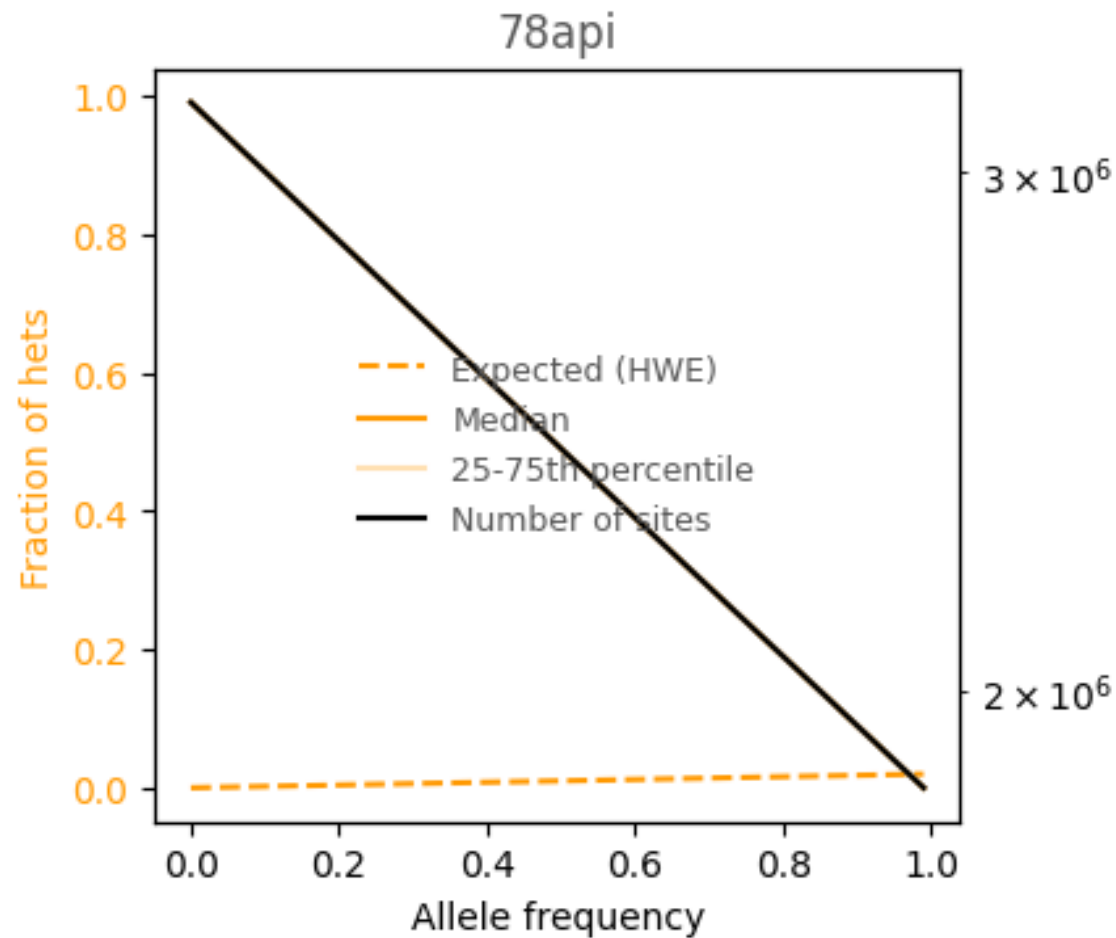
# Fraction of alternate indel allele



# Depth distribution



# Number of HETs by AF



# Substitution types

