

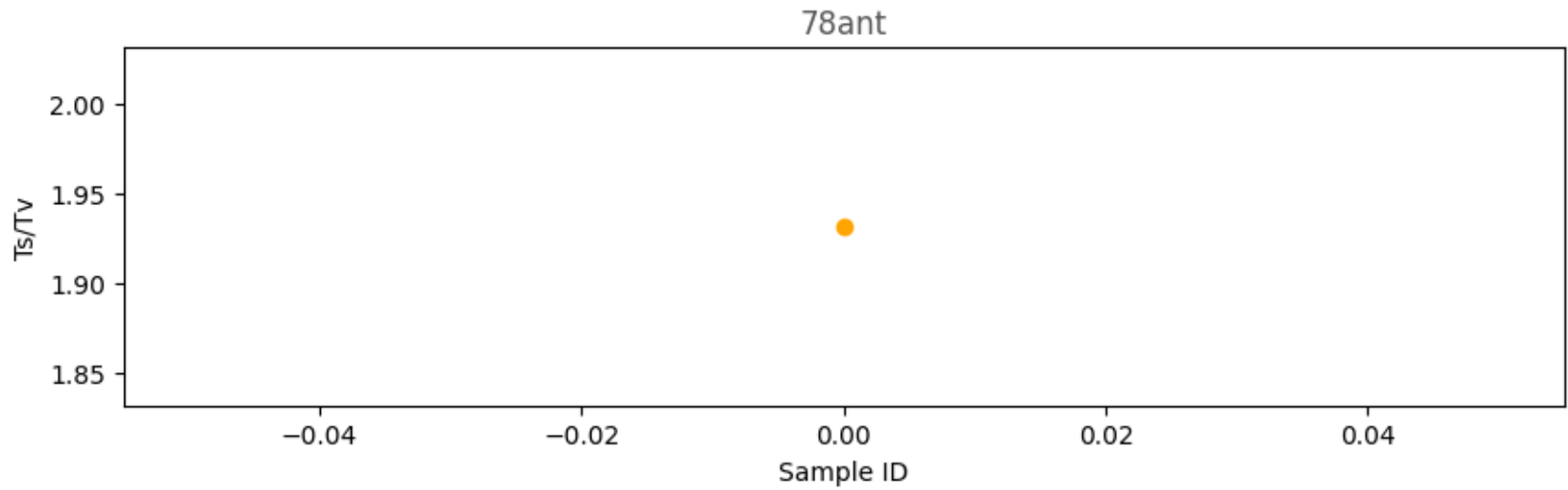
# Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
78ant	4,575,620	1.93	1.94	1,060,098	–	0	0
* frameshift ratio: out/(out+in)							

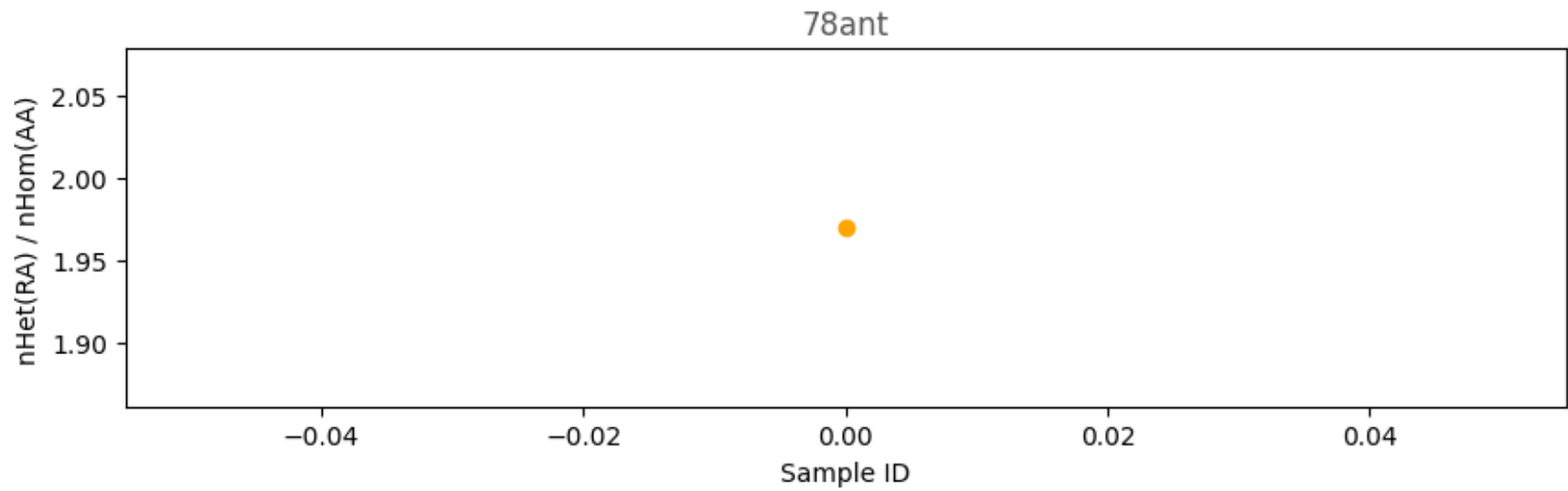
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
78ant	66.3%	1.91	72.0%	128,873	2,626

- 78ant .. /ngc/projects2/gm/data/archive/2022/variants/snv/78antsutm-103892807005-Normal\_Blood\_noinfo-WGS\_v1\_IlluminaDNAPCRFree\_RHGM01015-220720\_A00559\_BHMWJYDSX3-EXT\_LAB\_KA\_NGCWGS-NGCWGS04670\_22RKG008604x01\_snv\_germline\_raw.haplotype\_caller.vcf.gz

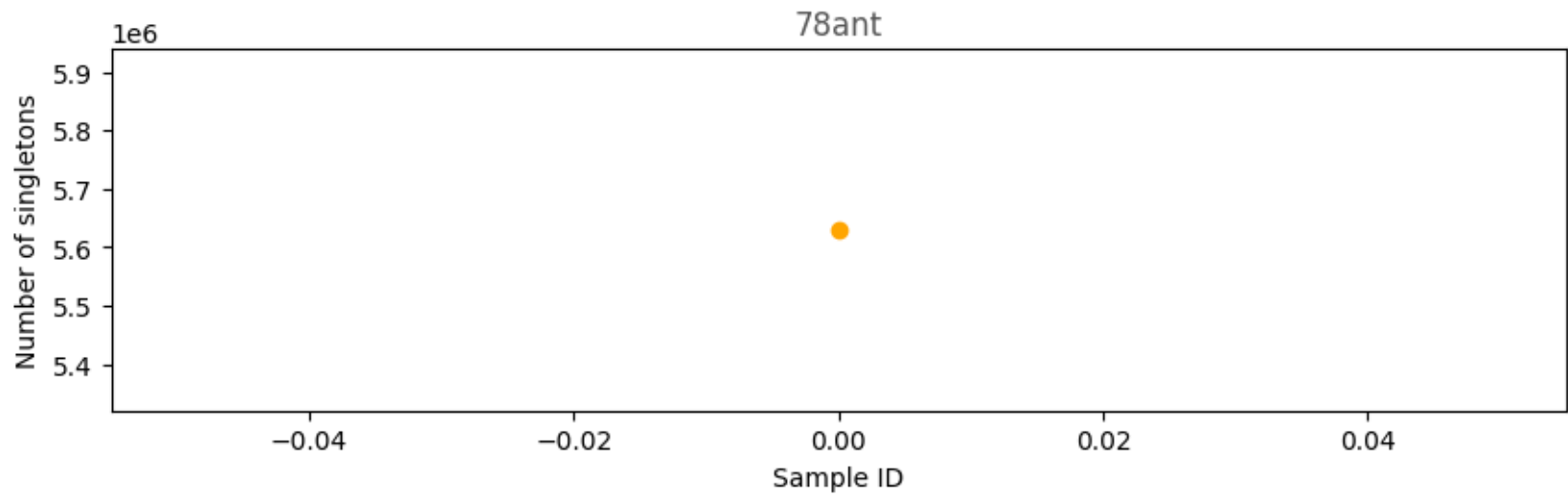
# Ts/Tv by sample



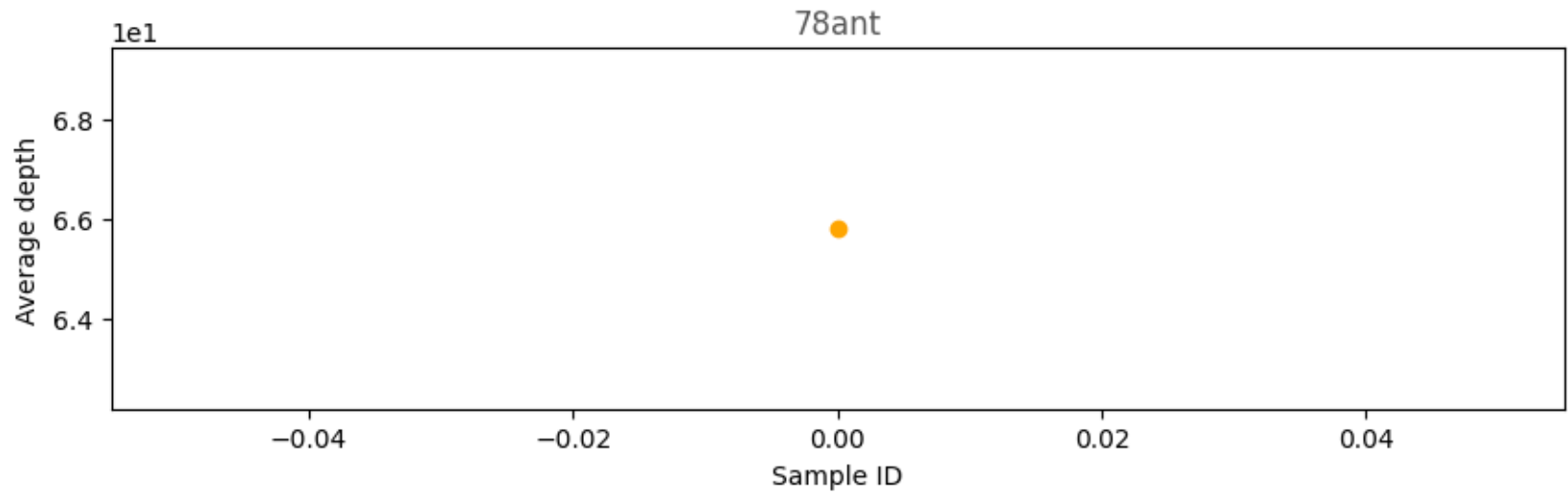
# Hets vs non-ref Homs by sample



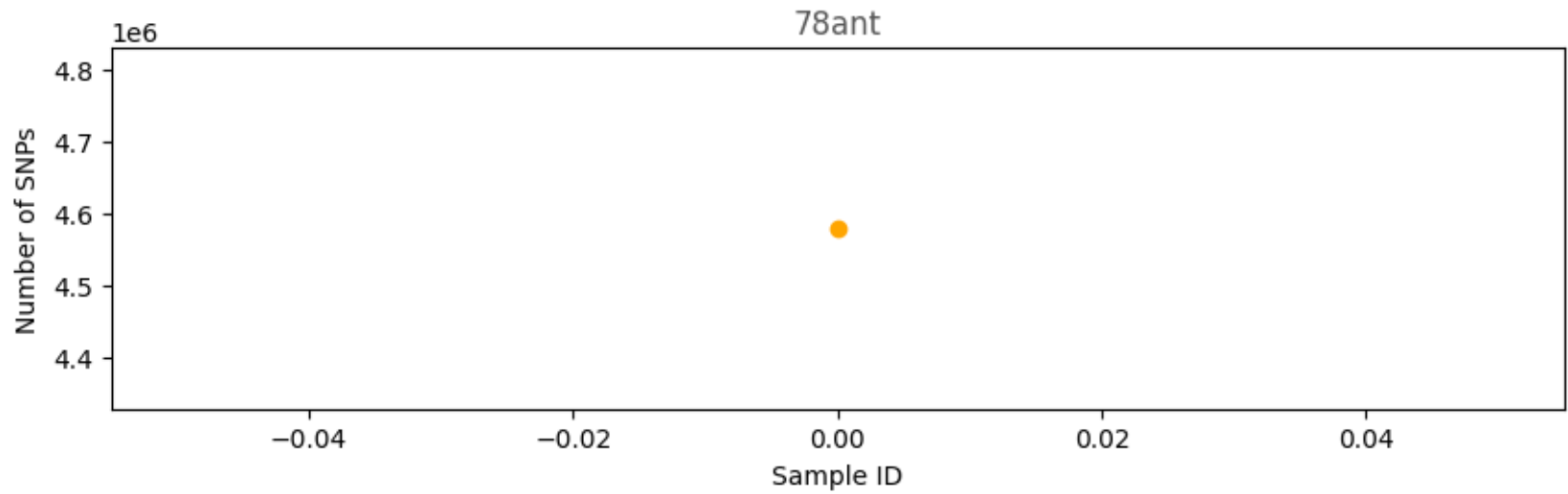
# Singletons by sample (hets and homs)



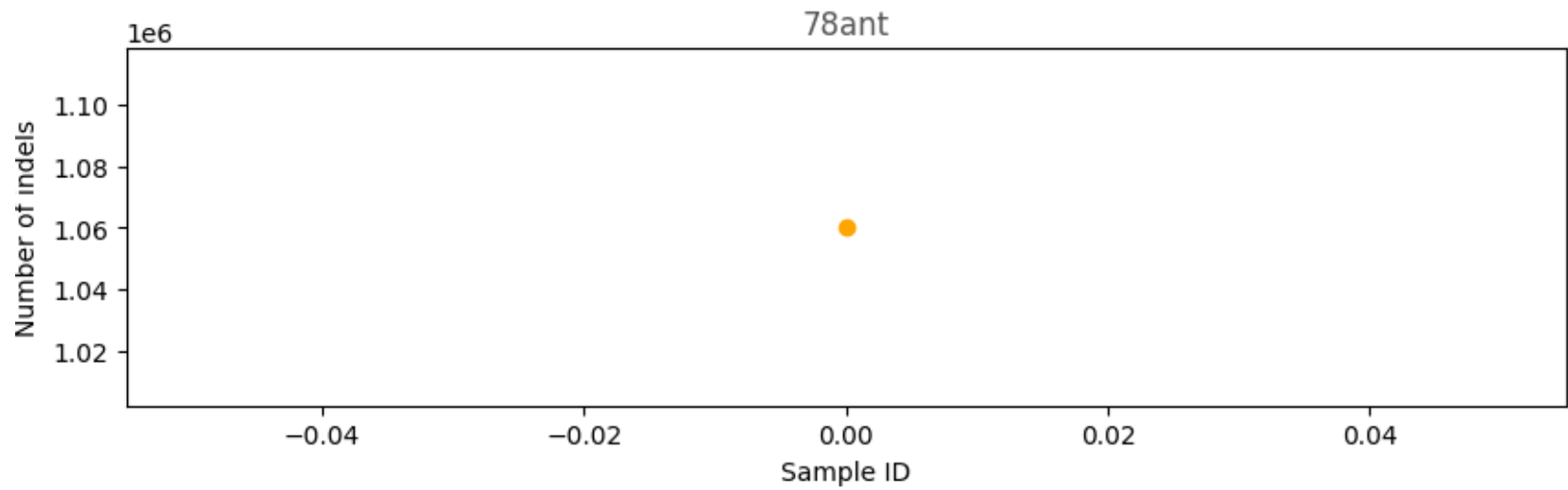
# Average depth by sample



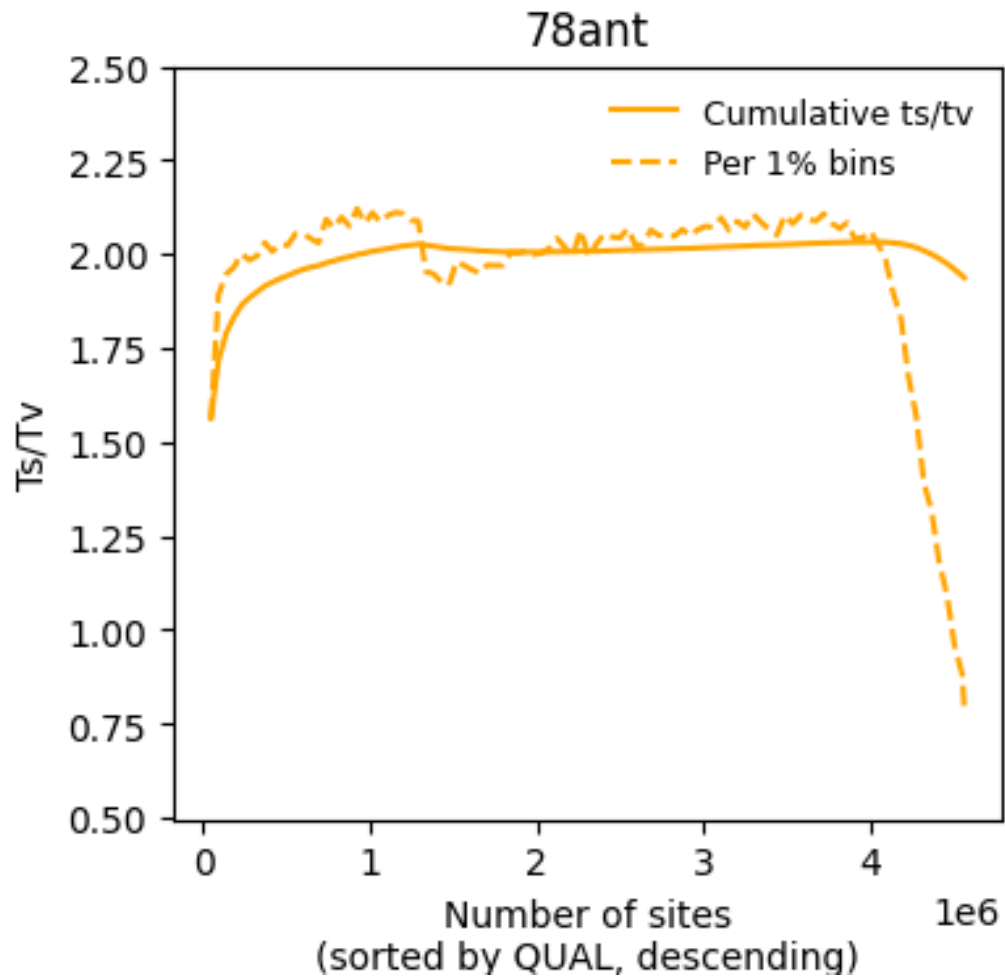
# Number of SNPs by sample



# Number of indels by sample

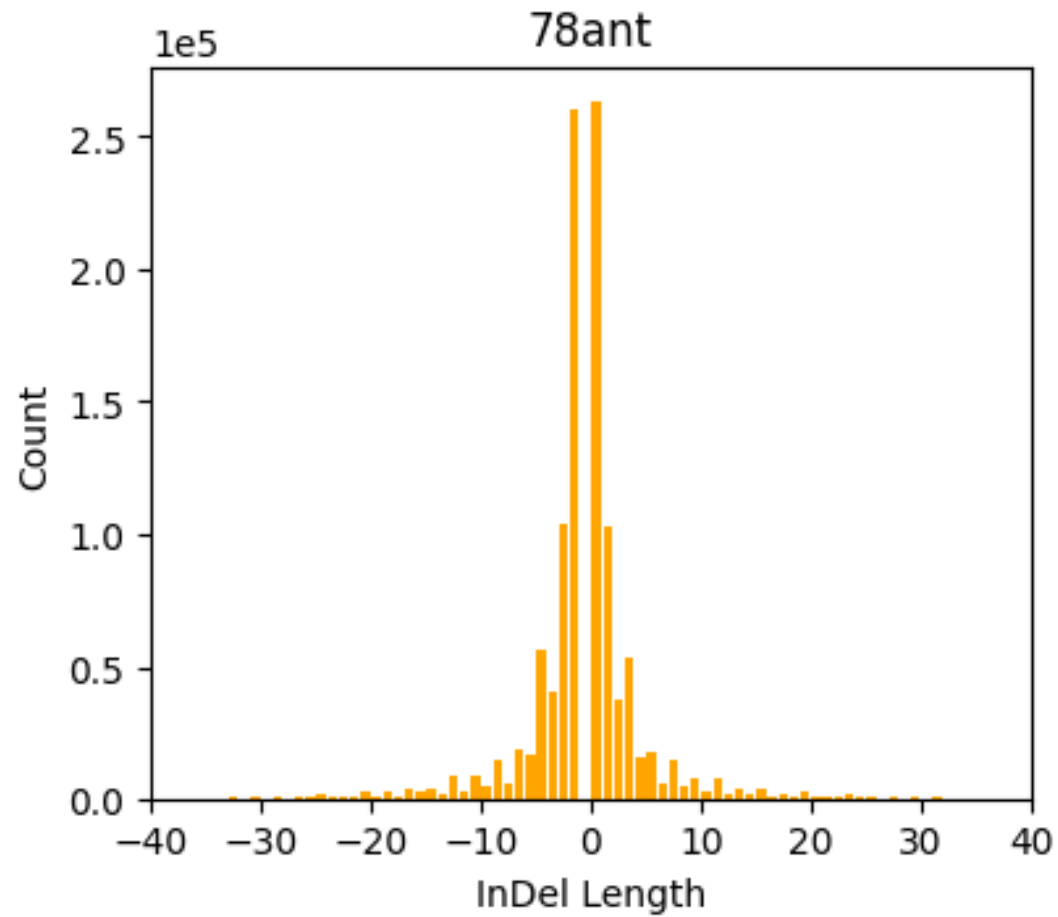


# Ts/Tv stratified by QUAL

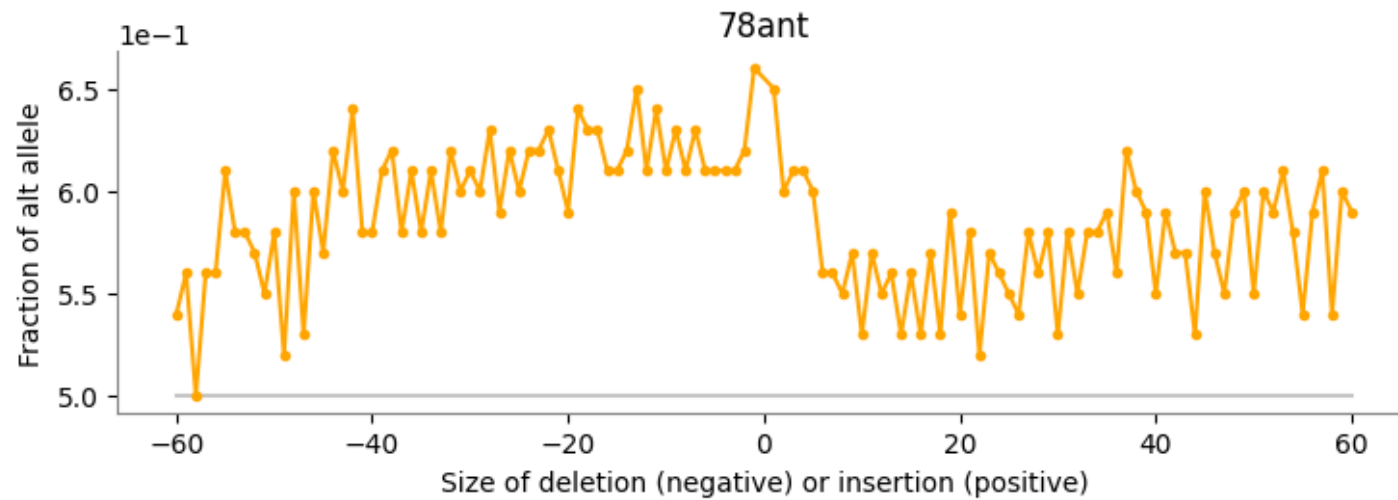




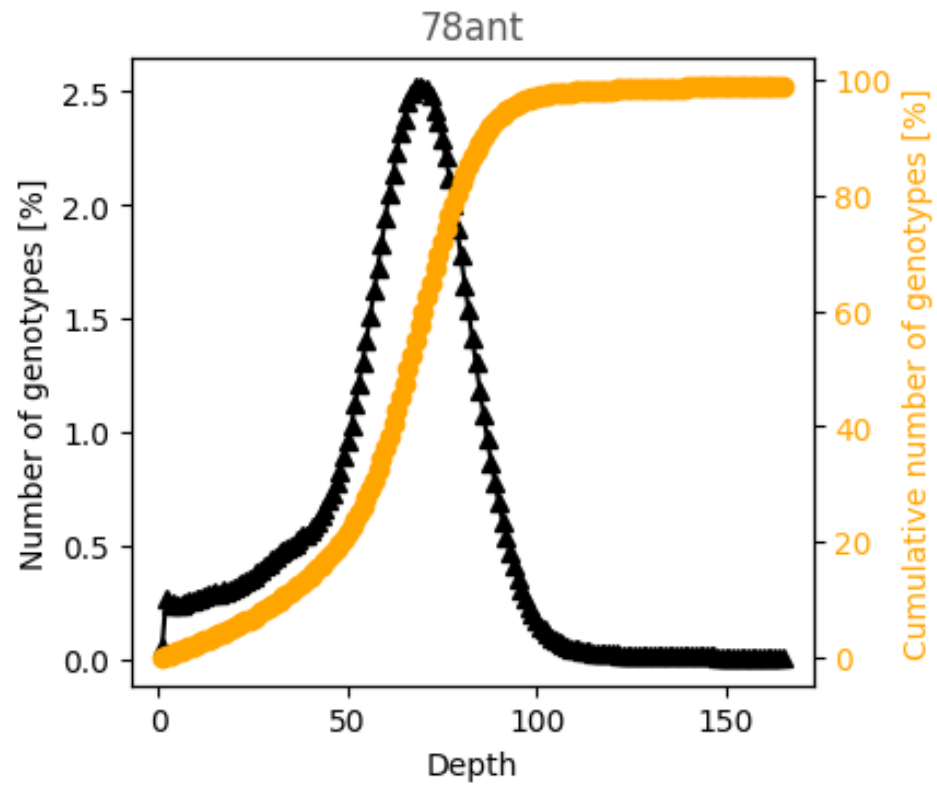
# Indel distribution



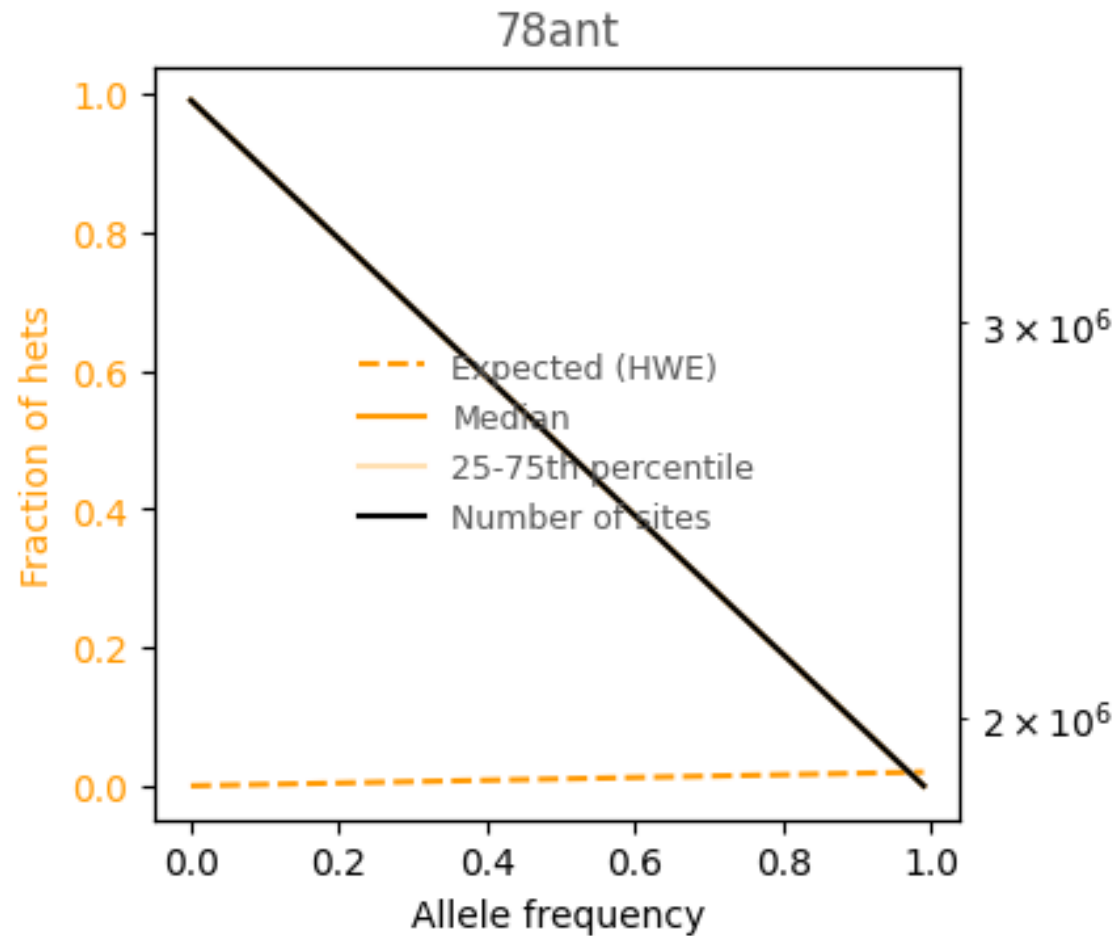
# Fraction of alternate indel allele



# Depth distribution



# Number of HETs by AF



# Substitution types

