

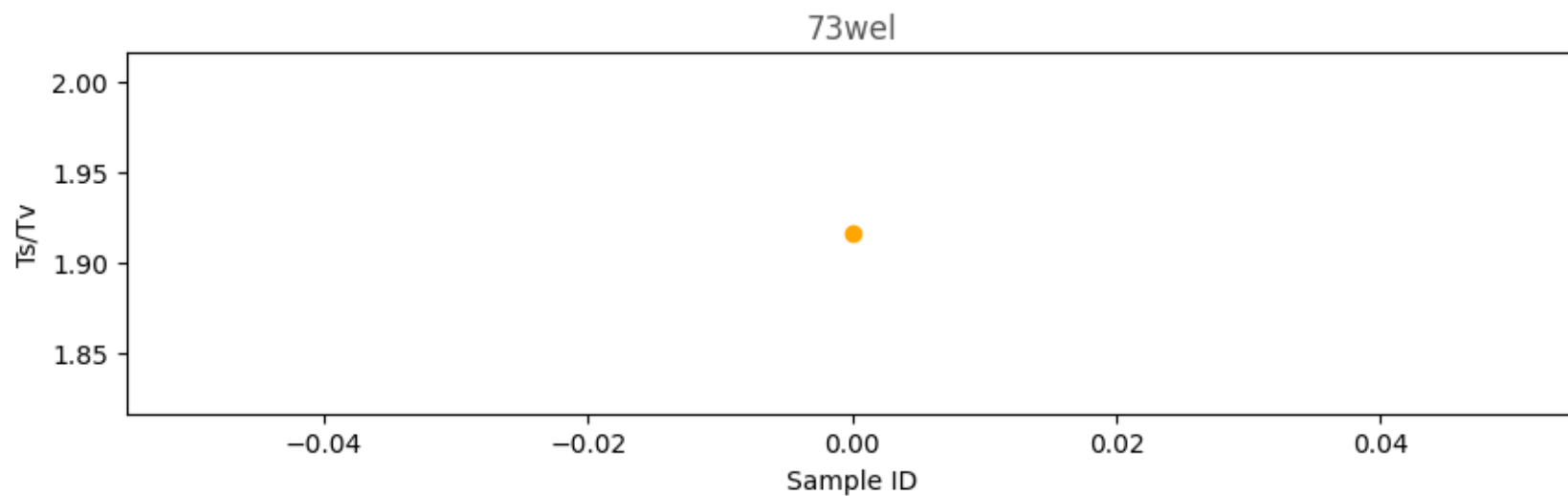
# Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
73wel	4,146,582	1.92	1.92	977,406	–	0	0
* frameshift ratio: out/(out+in)							

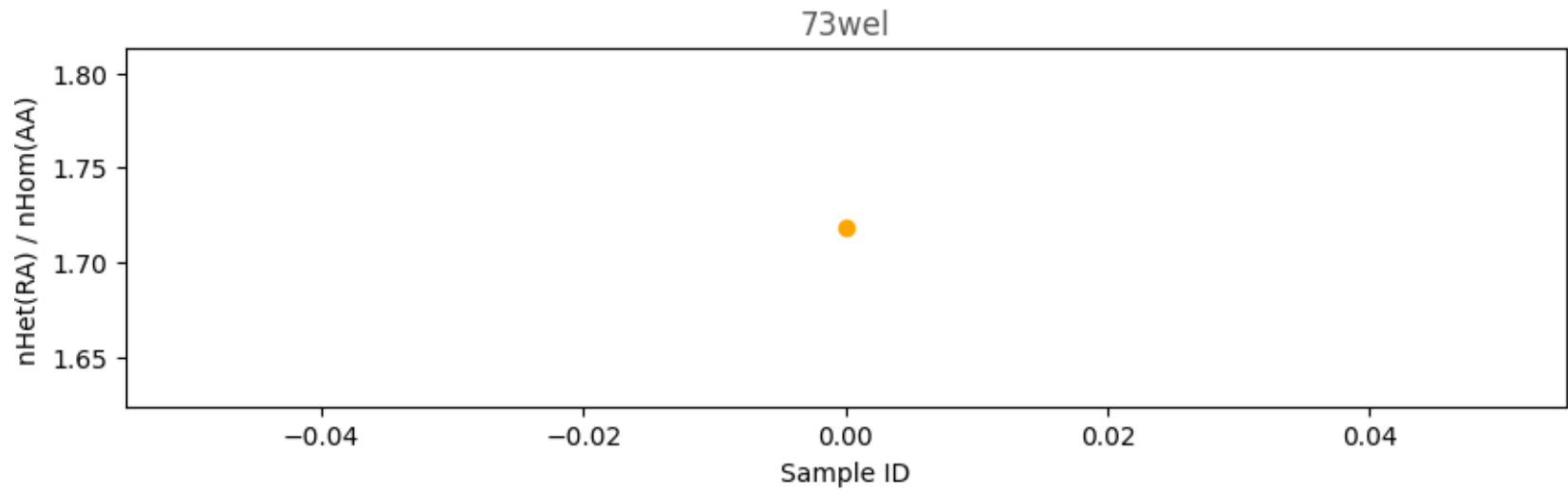
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
73wel	63.2%	1.88	69.3%	113,298	2,330

- 73wel .. /ngc/projects2/gm/data/archive/2022/variants/snv/73welontf-103736133985-Normal\_Blood\_noinfo-WGS\_v1\_IlluminaDNAPCRFree\_RHGM00126-210510\_A01176\_AH5727DSX2-EXT\_LAB  
KA\_NGCWGS-NGCWGS00041-73ww6v7w8-snv\_germline\_raw.haplotype\_caller.vcf.gz

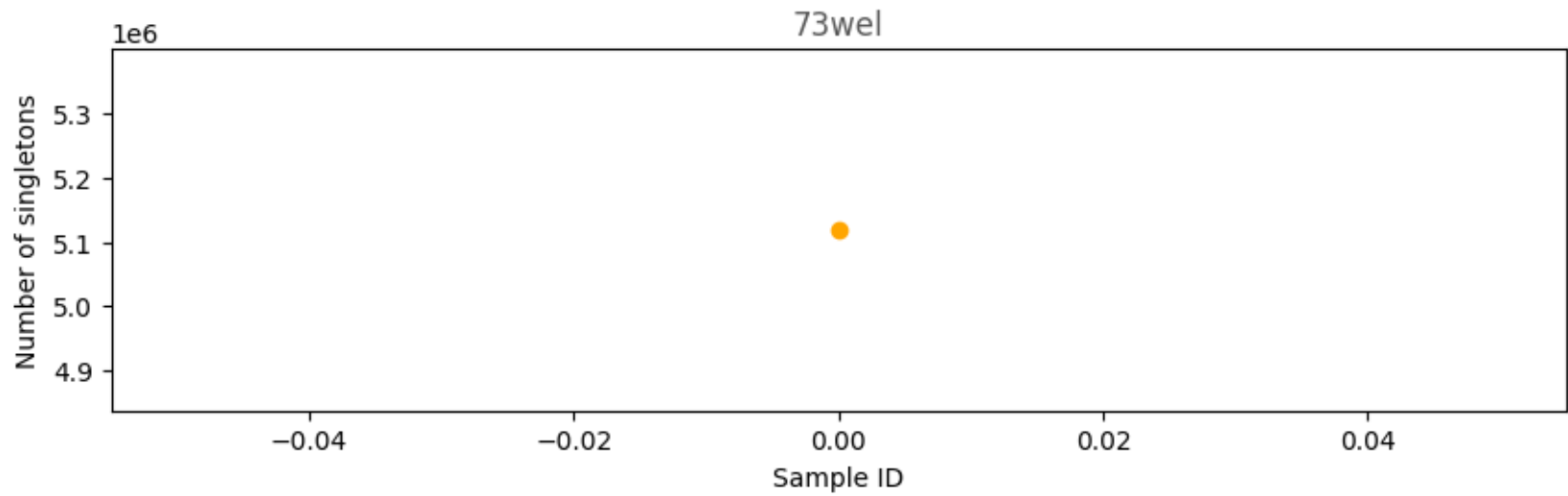
# Ts/Tv by sample



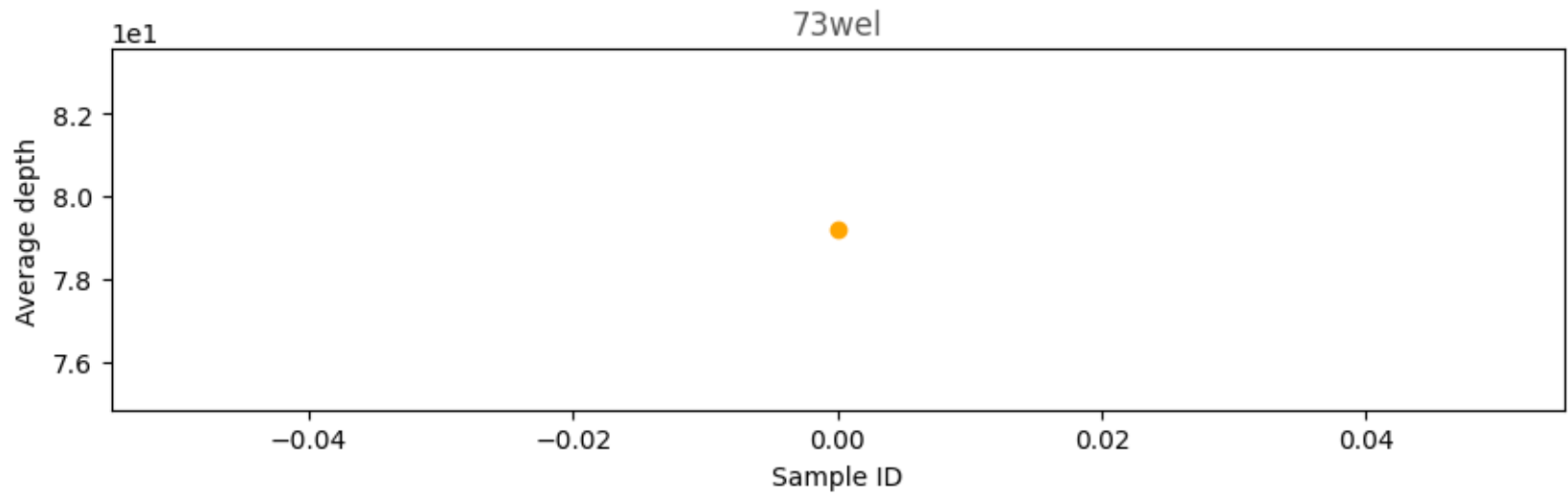
# Hets vs non-ref Homs by sample



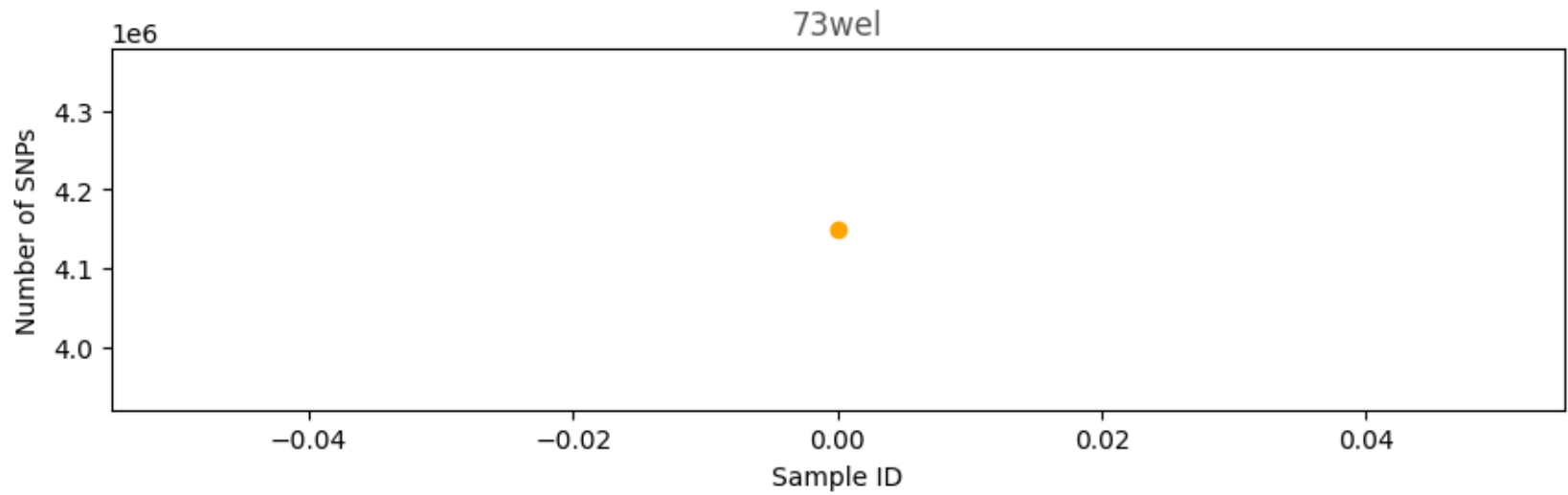
# Singletons by sample (hets and homs)



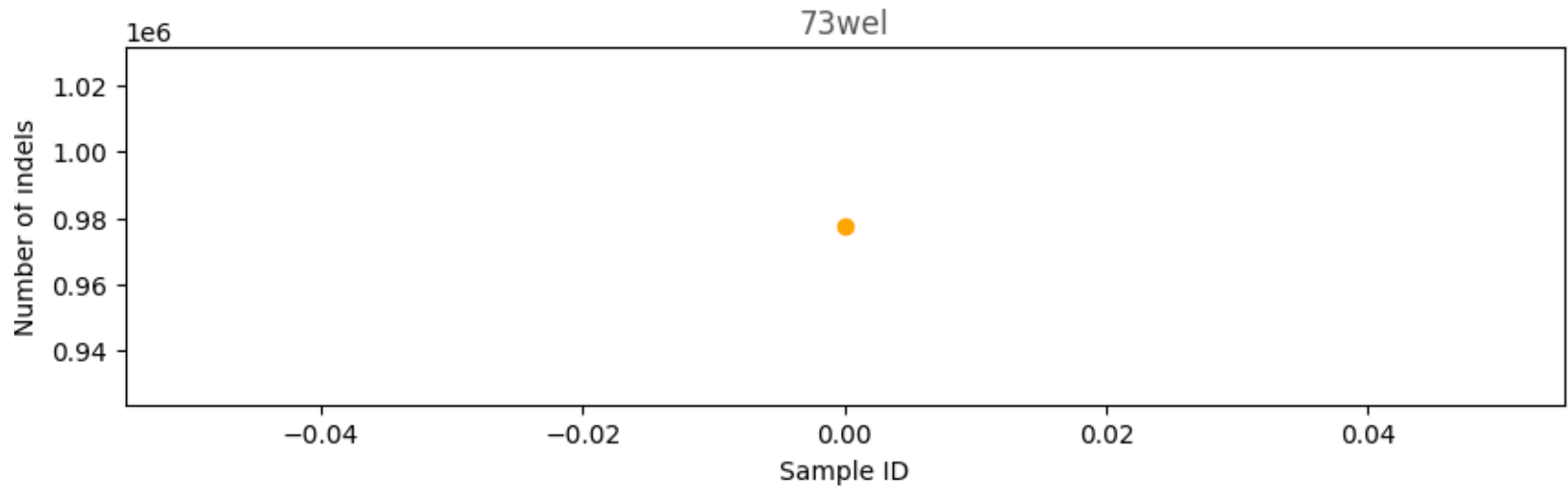
# Average depth by sample



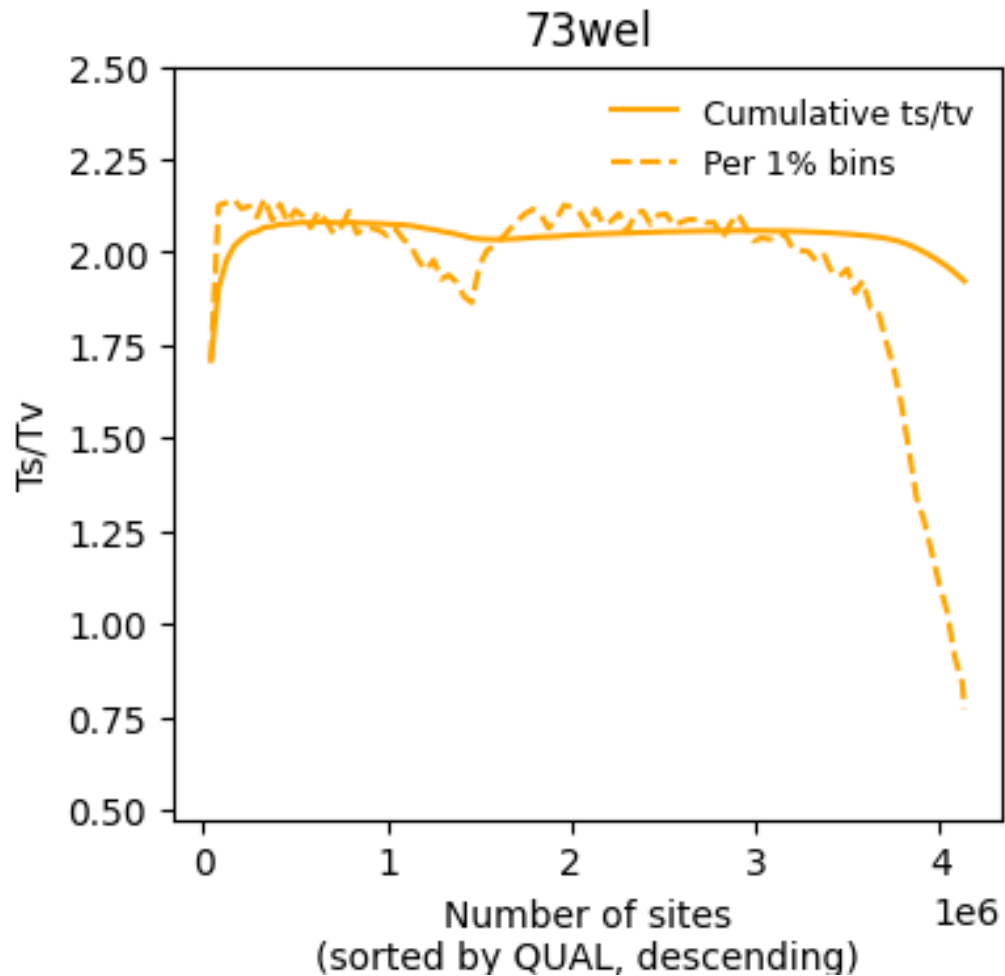
# Number of SNPs by sample



# Number of indels by sample

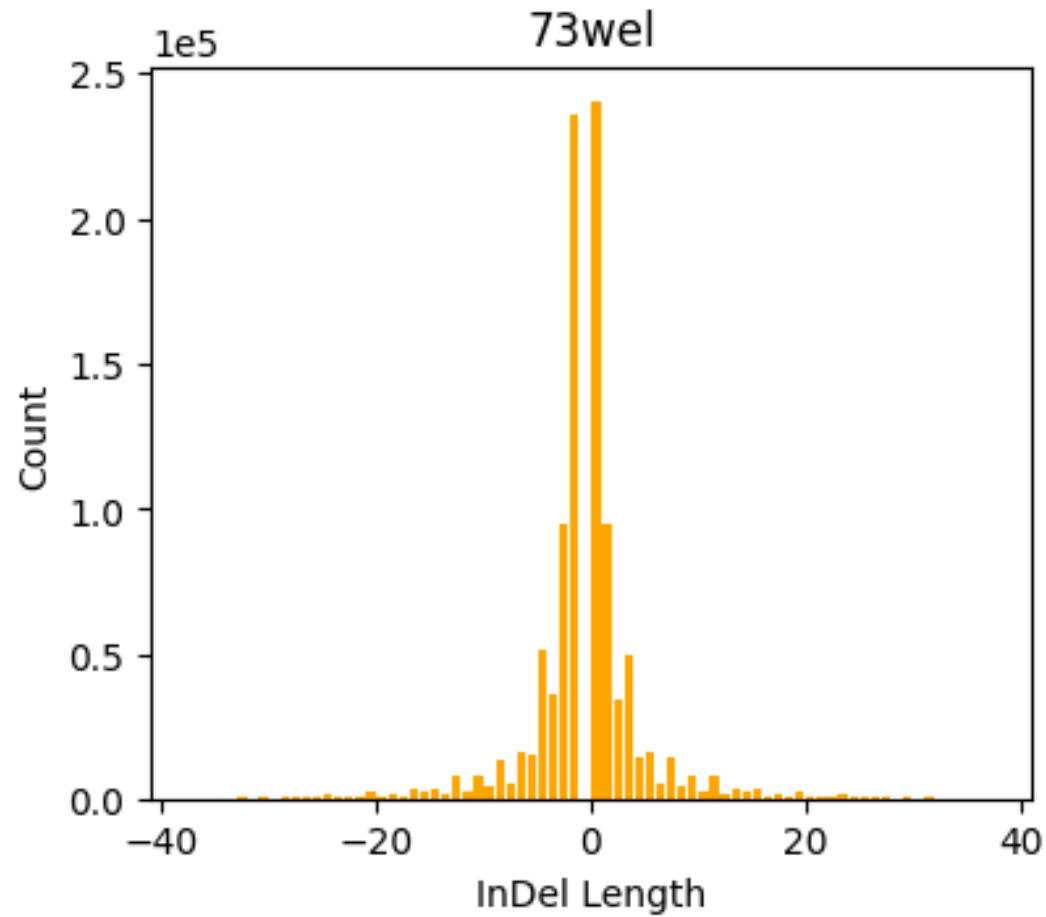


## Ts/Tv stratified by QUAL

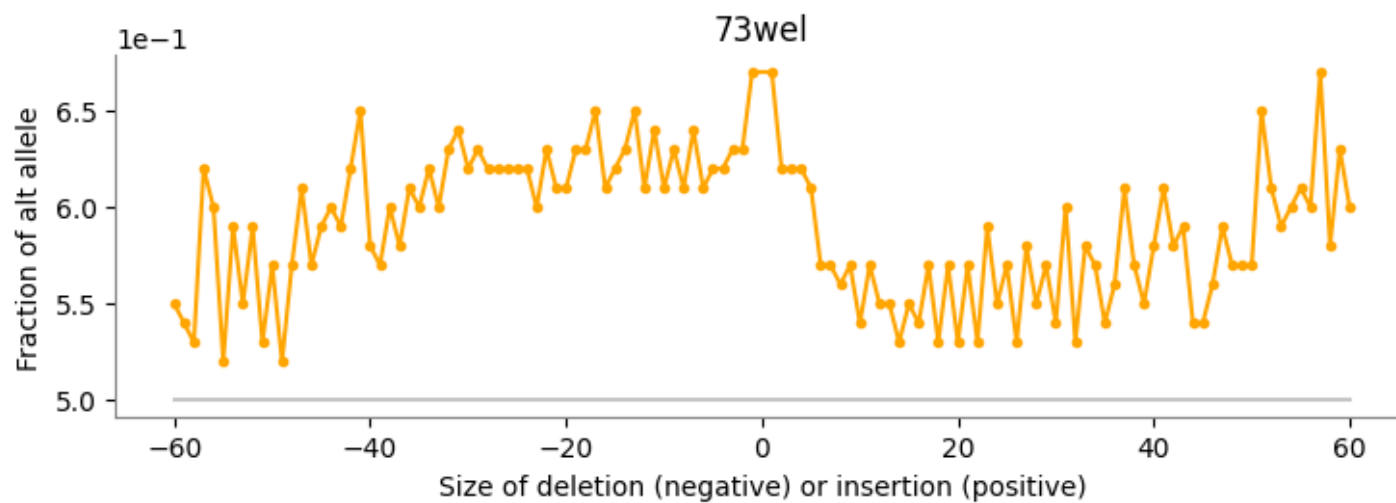




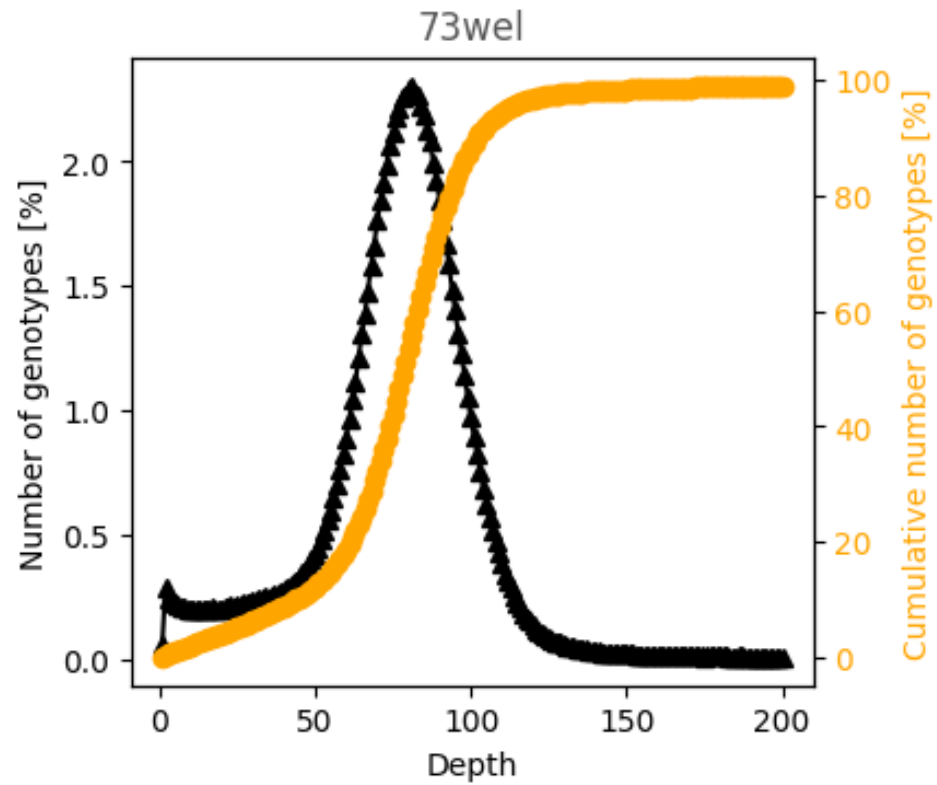
# Indel distribution



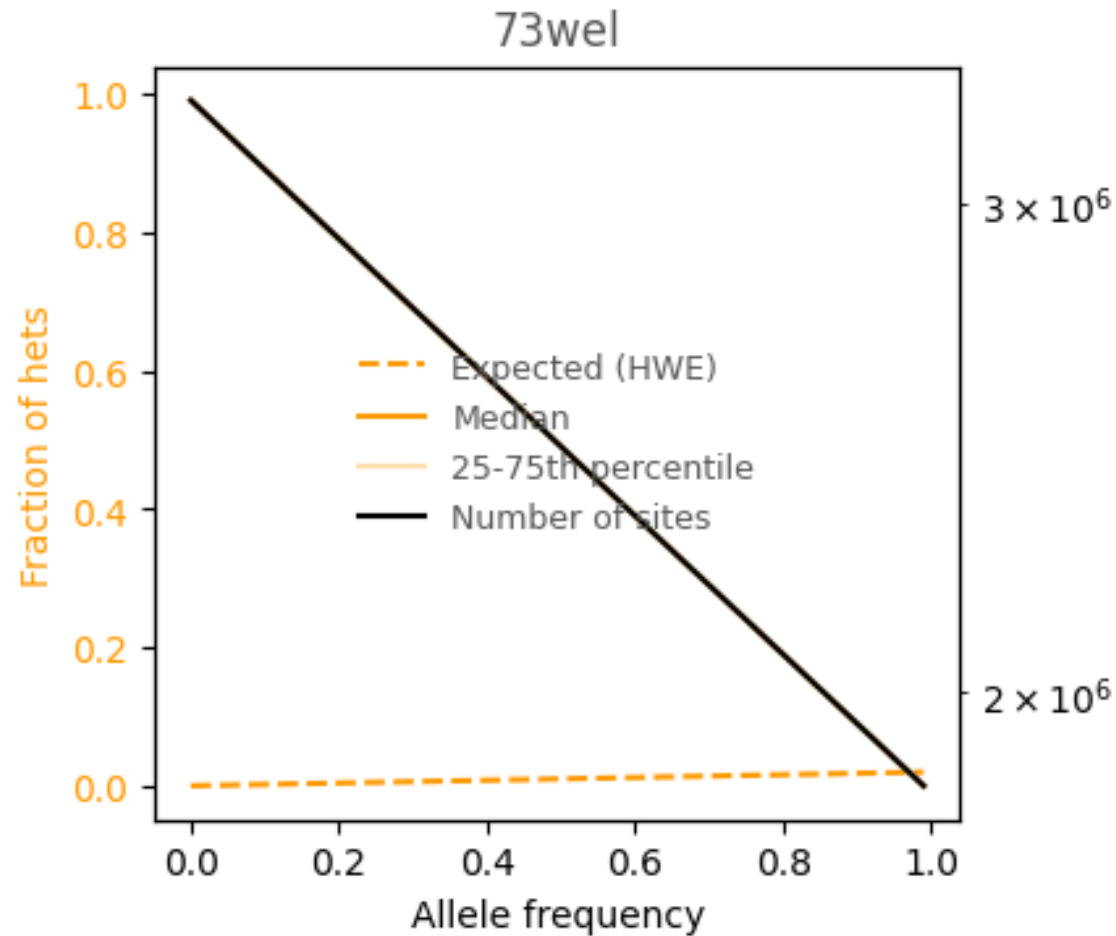
# Fraction of alternate indel allele



# Depth distribution



# Number of HETs by AF



# Substitution types

