

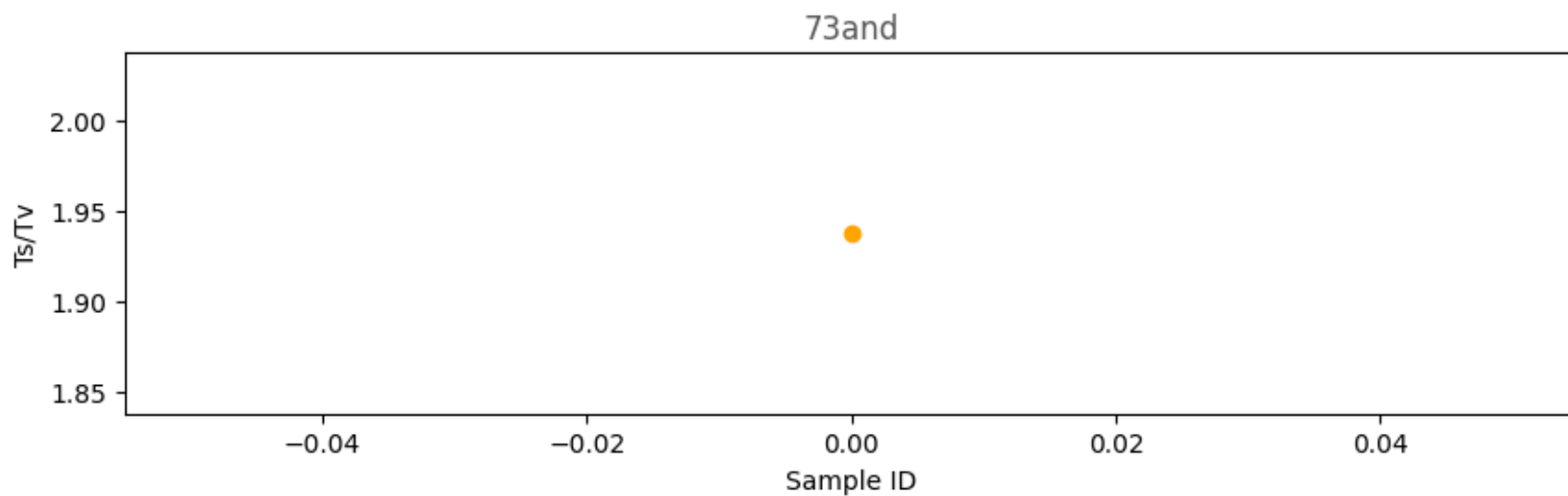
# Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
73and	4,100,524	1.94	1.94	941,950	–	0	0
* frameshift ratio: out/(out+in)							

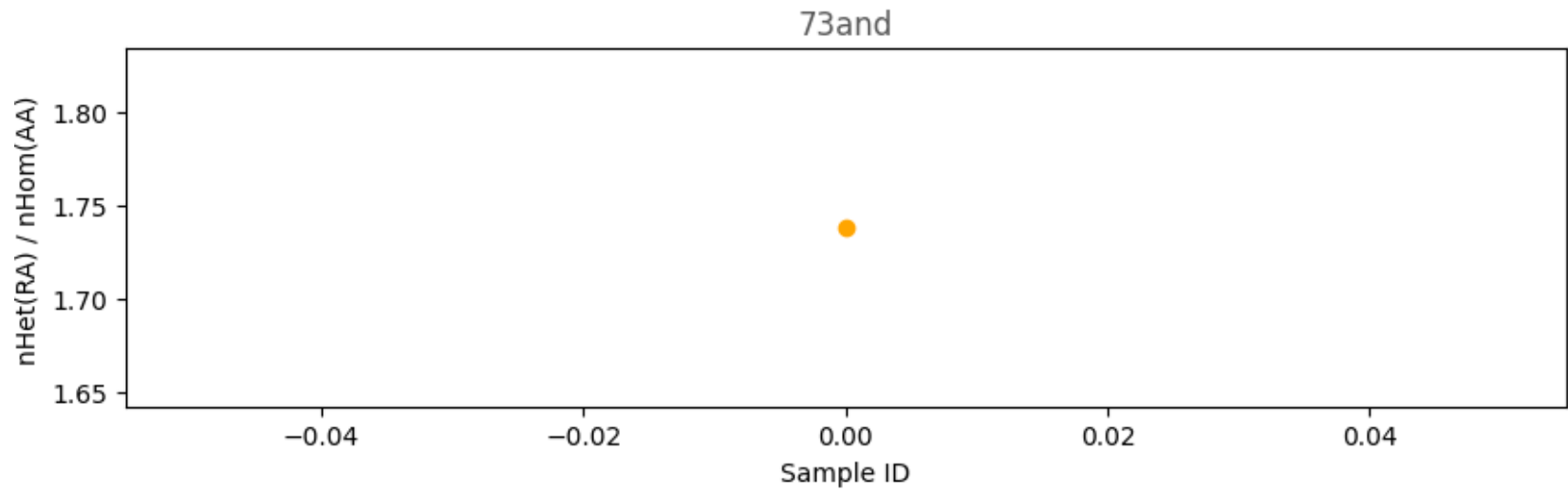
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
73and	63.5%	1.91	67.6%	94,175	2,193

- 73and .. /ngc/projects2/gm/data/archive/2022/variants/snv/73andfiaf-110303831006-Normal\_Blood\_noinfo-WGS\_v1\_IlluminaDNAPCRFree\_RHGM02232-221109\_A01176\_BH3N2MDSX5-EXT\_LAB  
KA\_NGCWGS-NGCWGS06115\_snv\_germline\_raw.haplotype\_caller.vcf.gz

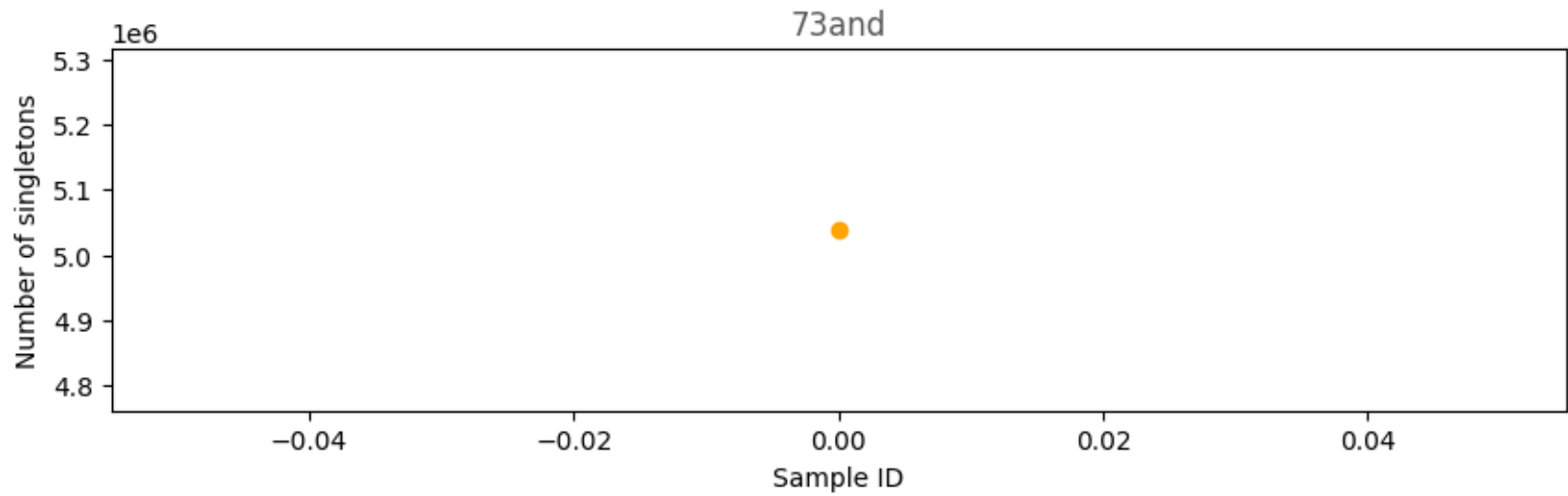
# Ts/Tv by sample



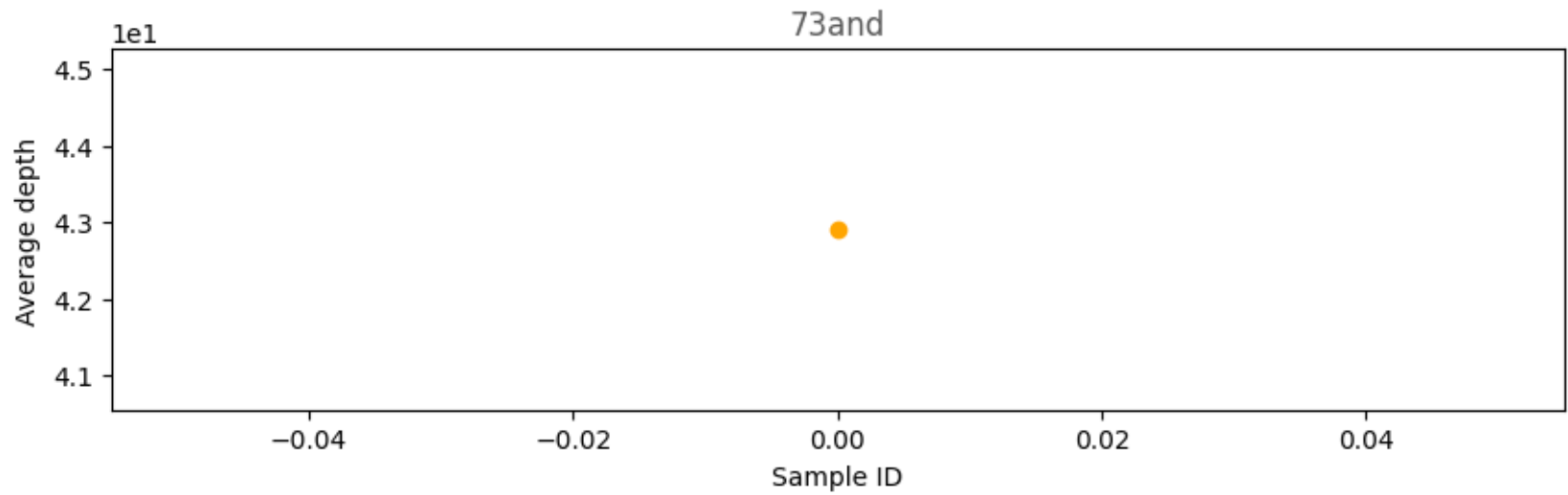
# Hets vs non-ref Homs by sample



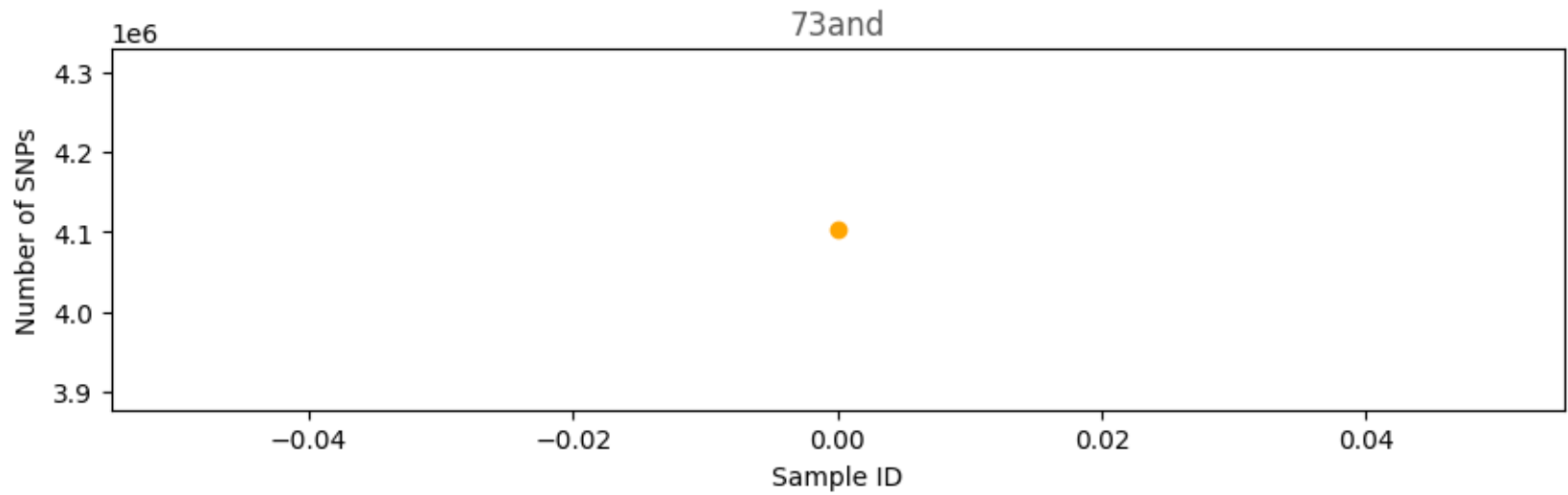
# Singletons by sample (hets and homs)



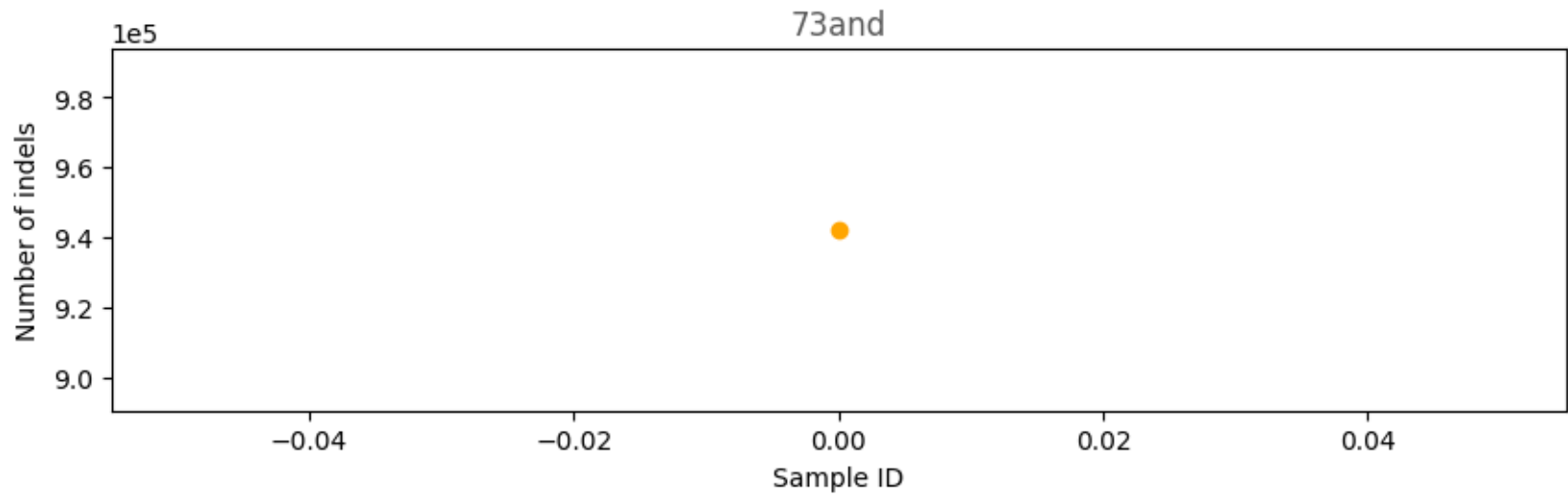
# Average depth by sample



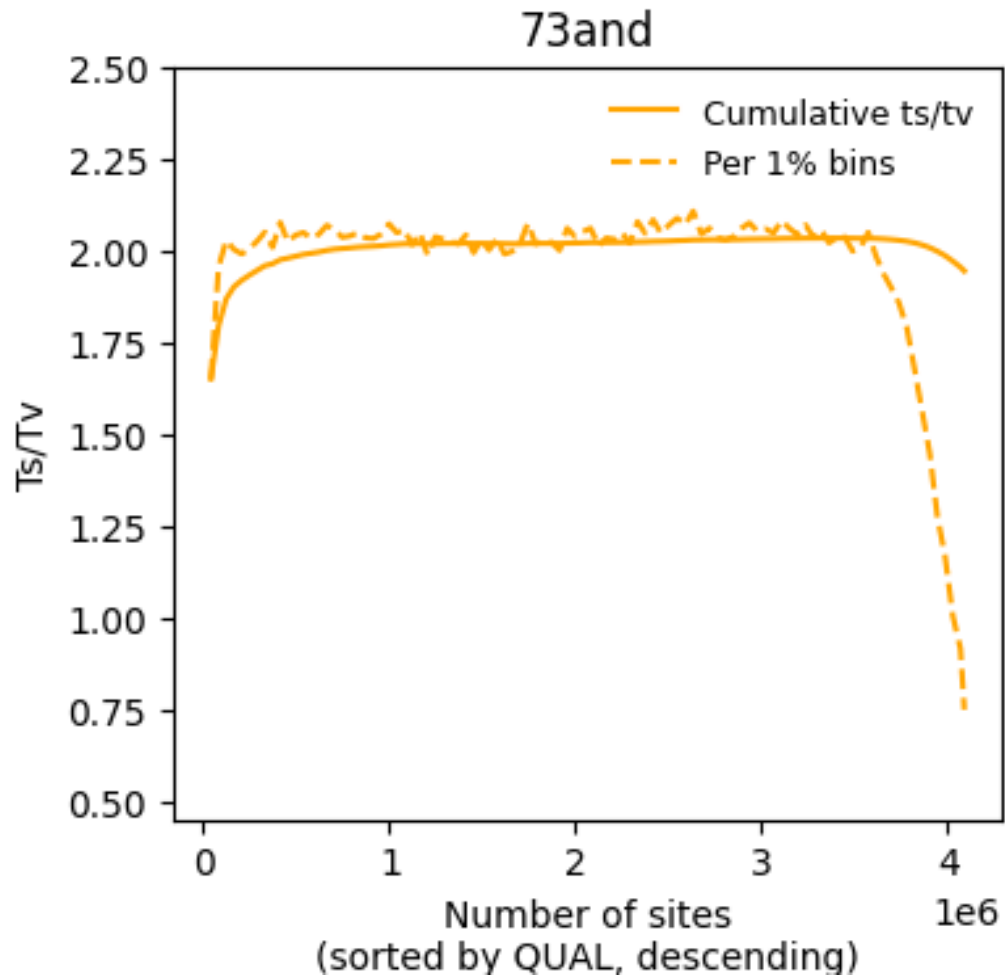
# Number of SNPs by sample



# Number of indels by sample

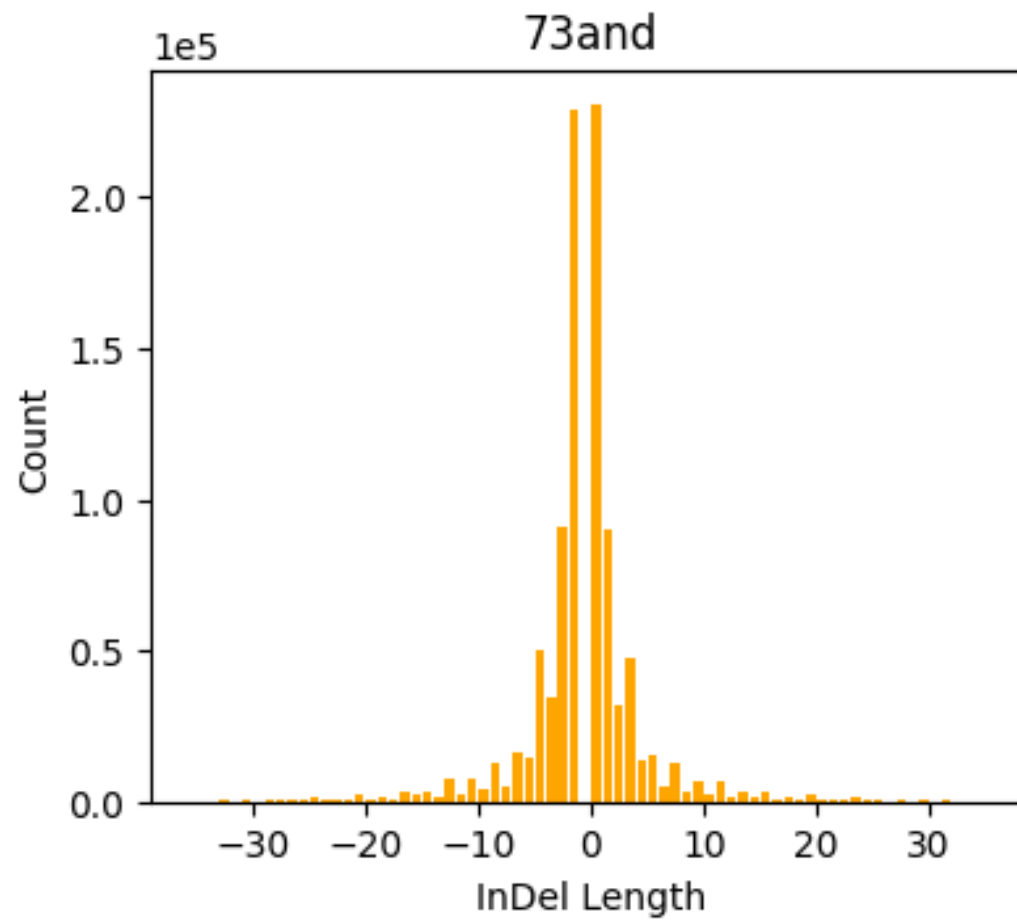


## Ts/Tv stratified by QUAL

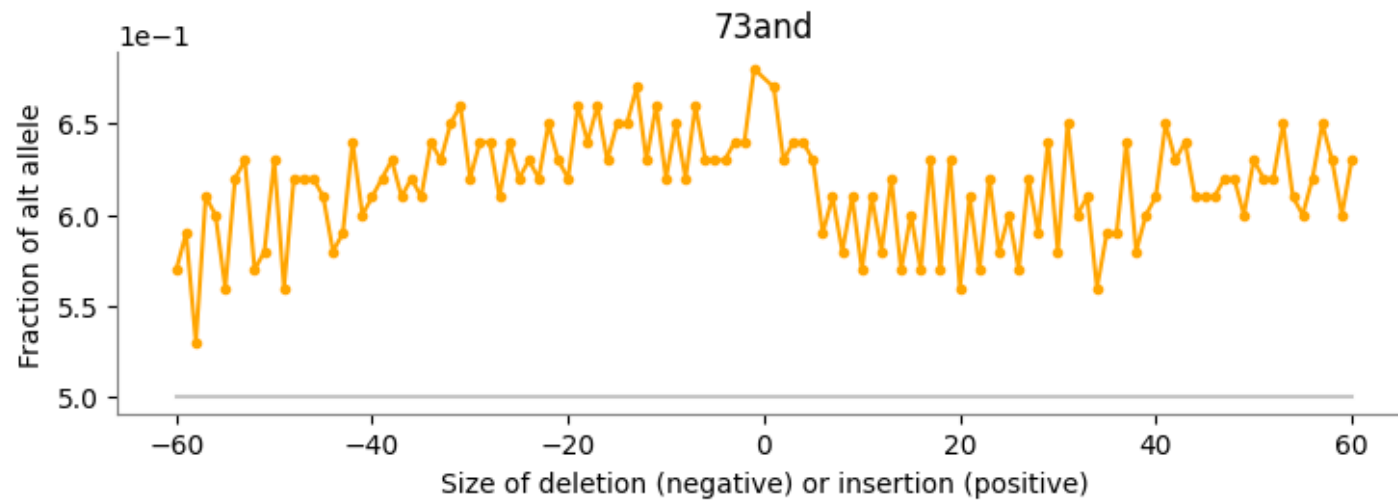




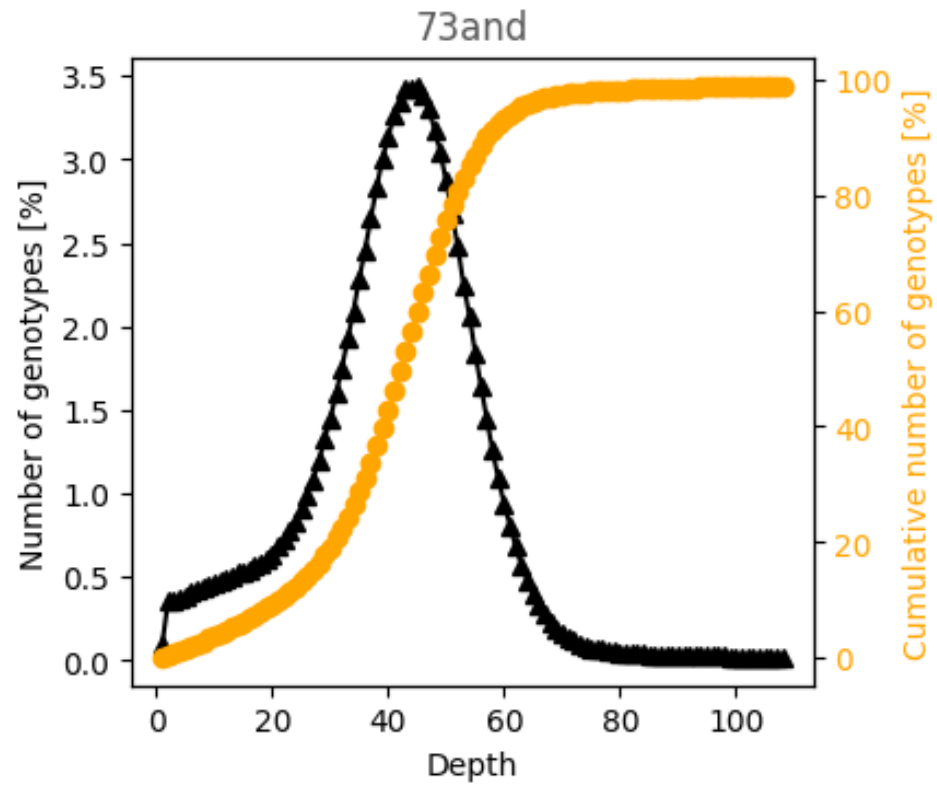
# Indel distribution



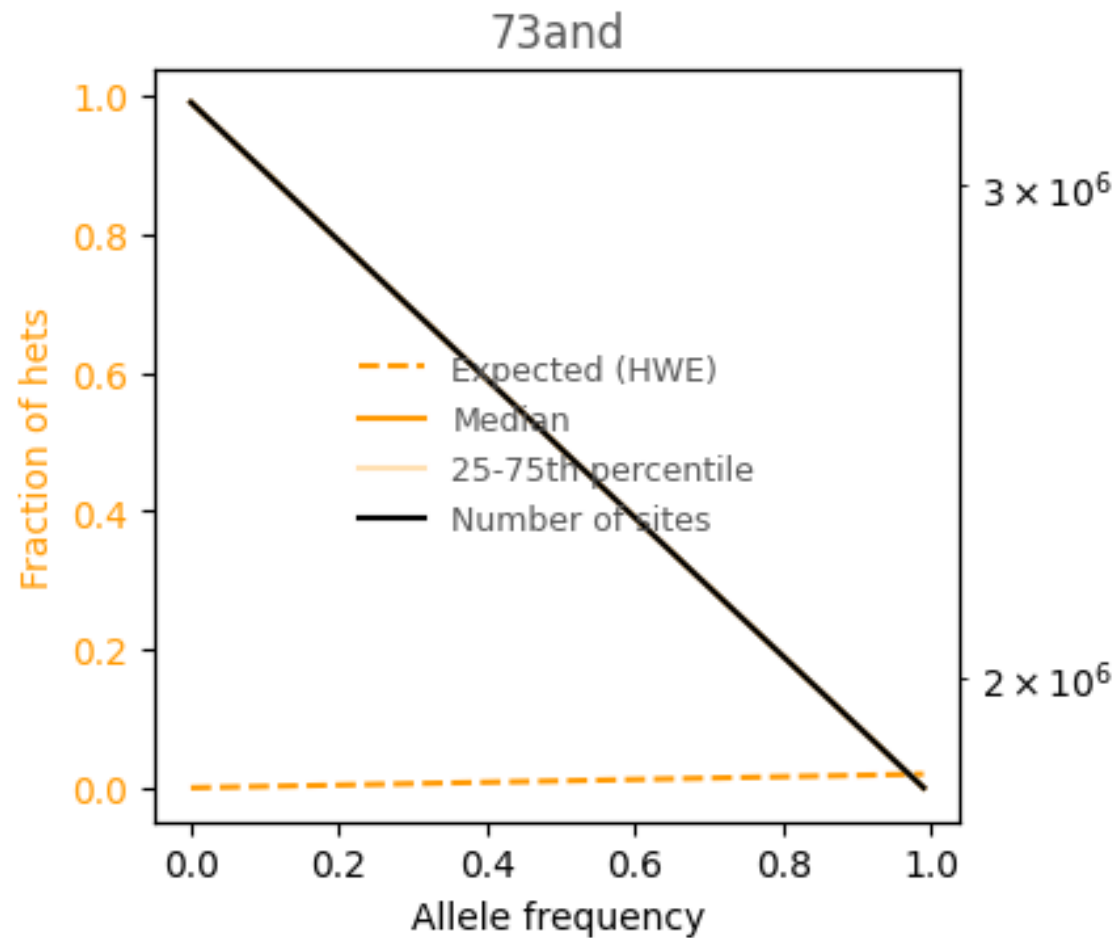
# Fraction of alternate indel allele



# Depth distribution



# Number of HETs by AF



# Substitution types

