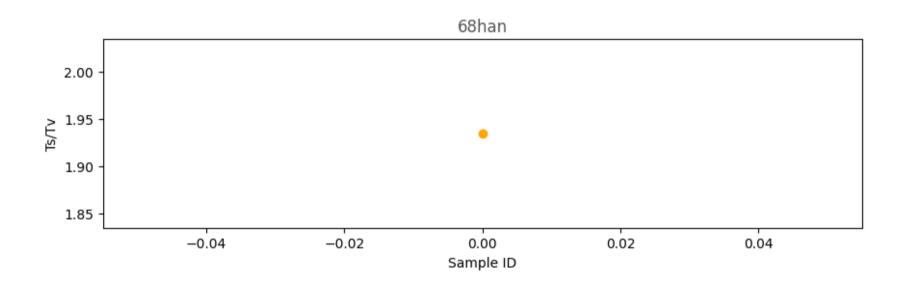
### **Summary Numbers**

	SNPs			indels		MNPs	others		
Callset	n	ts/tv	(1st ALT)	n	frm*				
68han	4,066,230	1.93	1.94	947,612	_	0	0		
* frameshift ratio: out/(out+in)									

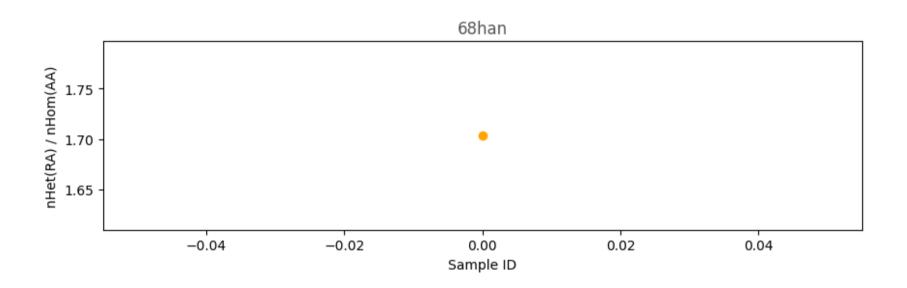
	singl	etons (A	multiallelic		
Callset	SNPs	ts/tv	indels	sites	SNPs
68han	63.0%	1.91	67.7%	96,909	1,937

- 68han../ngc/projects2/gm/data/archive/2022/variants/snv/68handfif-110296839772-Normal\_B lood\_noinfo-WGS\_v1\_IlluminaDNAPCRFree\_RHGM02022-221019\_A01176\_BH3FN7DSX5-EXT\_LAB KA\_NGCWGS-NGCWGS05896\_snv\_germline\_raw.haplotype\_caller.vcf.gz

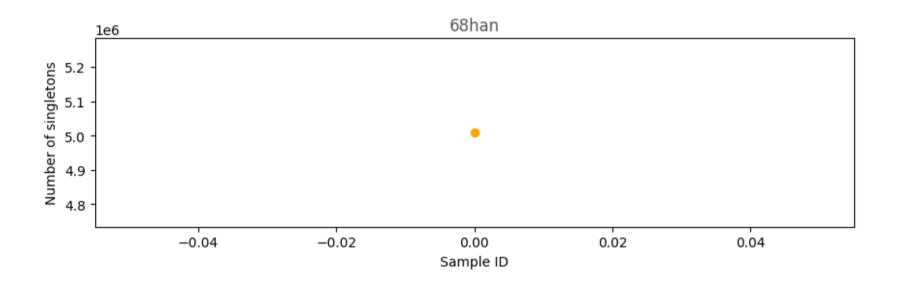
# Ts/Tv by sample



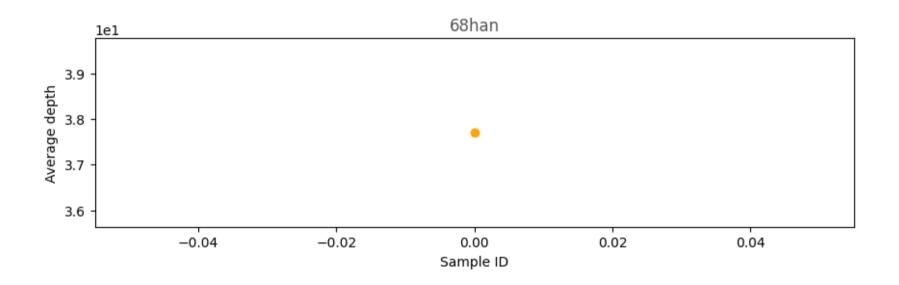
### Hets vs non-ref Homs by sample



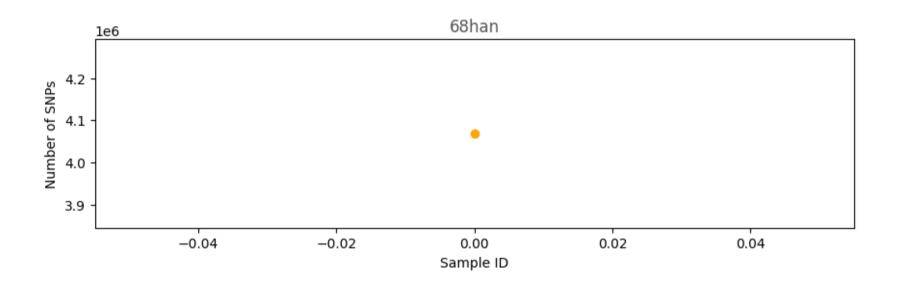
### Singletons by sample (hets and homs)



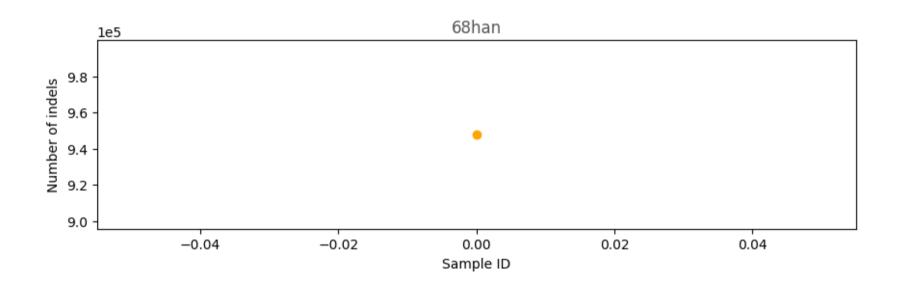
# Average depth by sample



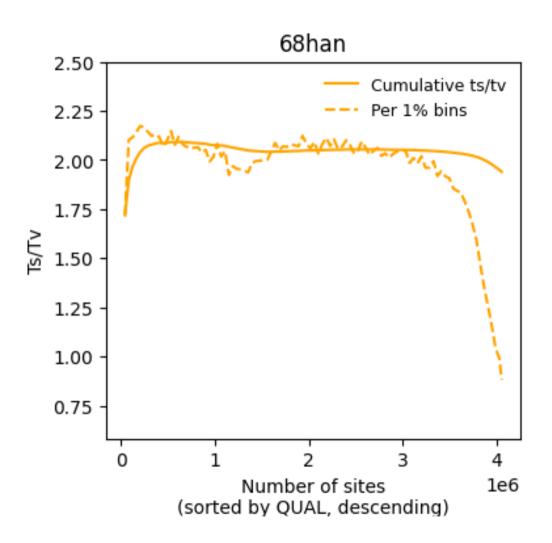
# Number of SNPs by sample



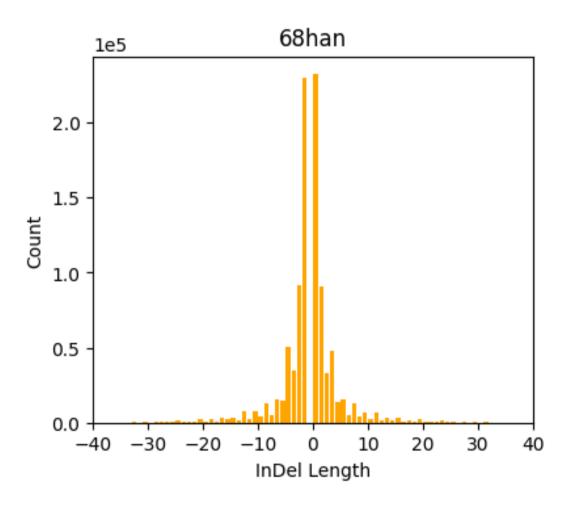
# Number of indels by sample



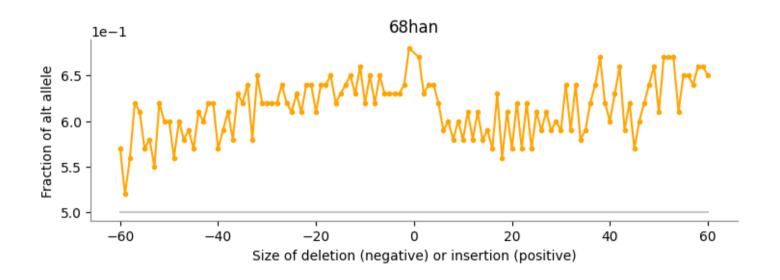
### Ts/Tv stratified by QUAL



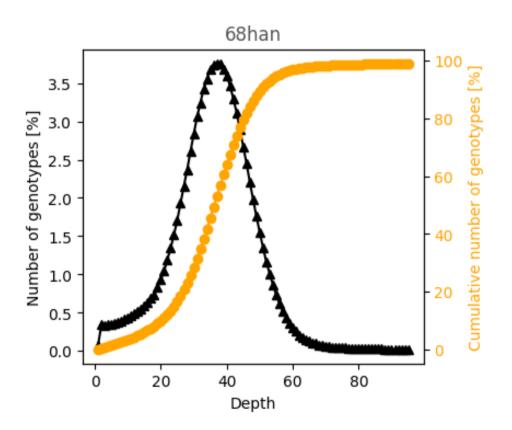
#### Indel distribution



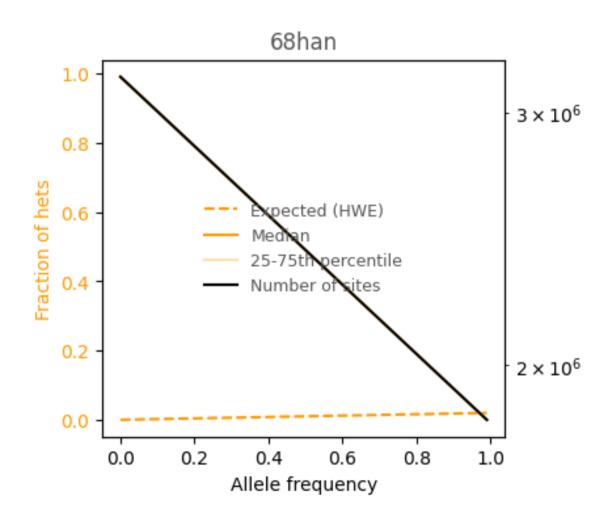
#### Fraction of alternate indel allele



# Depth distribution



### Number of HETs by AF



# Substitution types

