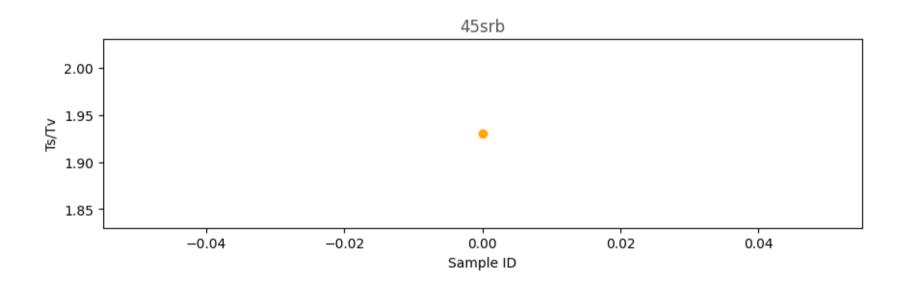
#### **Summary Numbers**

	SNPs			indels		MNPs	others			
Callset	n	ts/tv	(1st ALT)	n	frm*					
45srb	4,110,875	1.93	1.94	967,574	-	0	0			
* frameshift ratio: out/(out+in)										

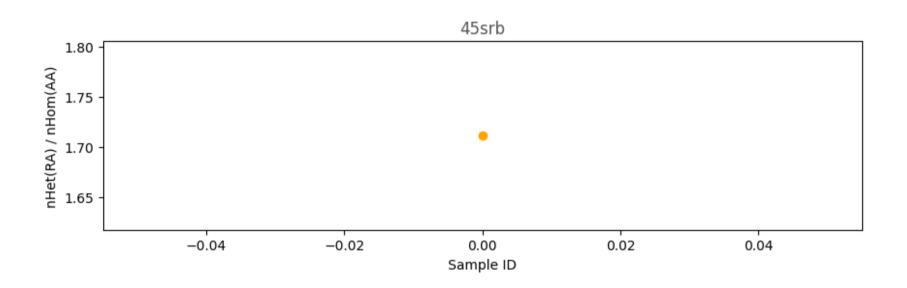
	singl	etons (A	multiallelic		
Callset	SNPs	ts/tv	indels	sites	SNPs
45srb	63.1%	1.91	68.8%	106,300	2,124

- 45srb .. /ngc/projects2/gm/data/archive/2022/variants/snv/45srbatef-103857684733-Normal\_B lood\_noinfo-WGS\_v1\_IlluminaDNAPCRFree\_RHGM01686-220921\_A01961\_AHY2KCDSX3-EXT\_LAB KA\_NGCWGS-NGCWGS05479\_22RKG008607\_snv\_germline\_raw.haplotype\_caller.vcf.gz

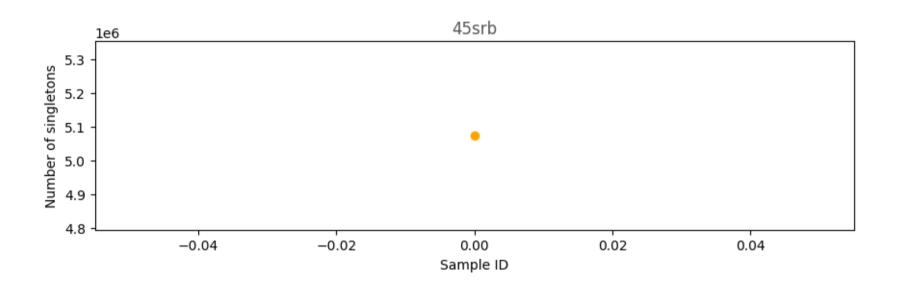
# Ts/Tv by sample



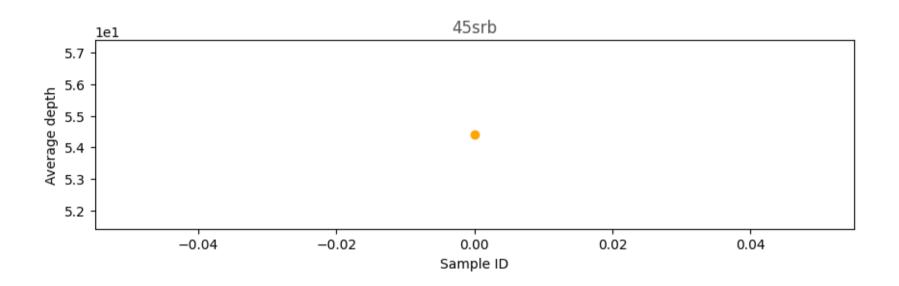
## Hets vs non-ref Homs by sample



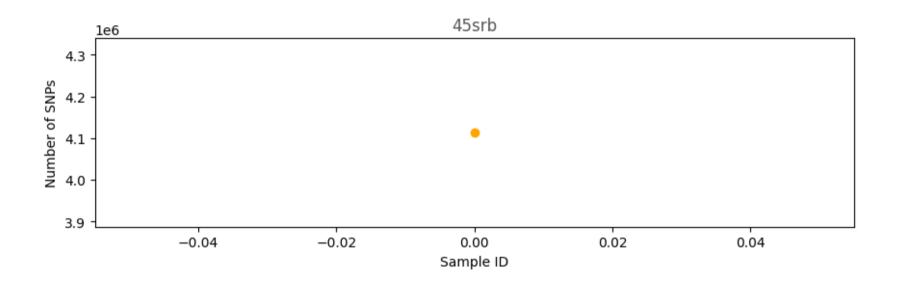
## Singletons by sample (hets and homs)



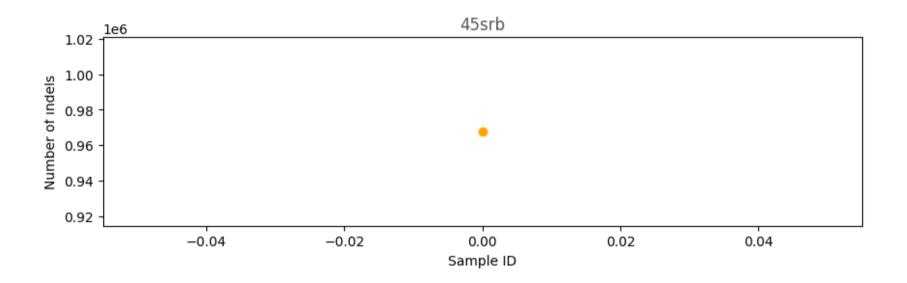
# Average depth by sample



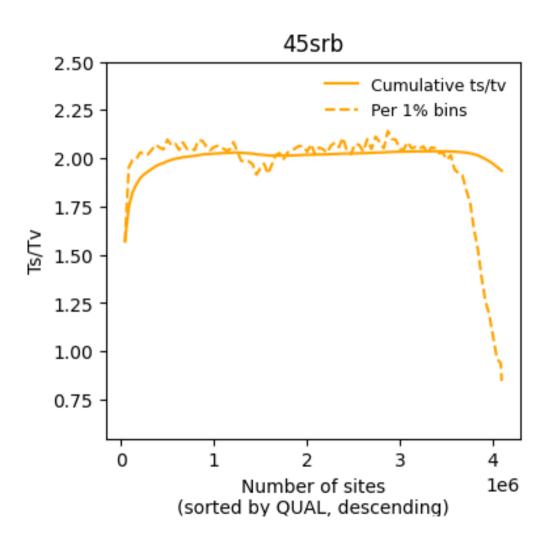
# Number of SNPs by sample



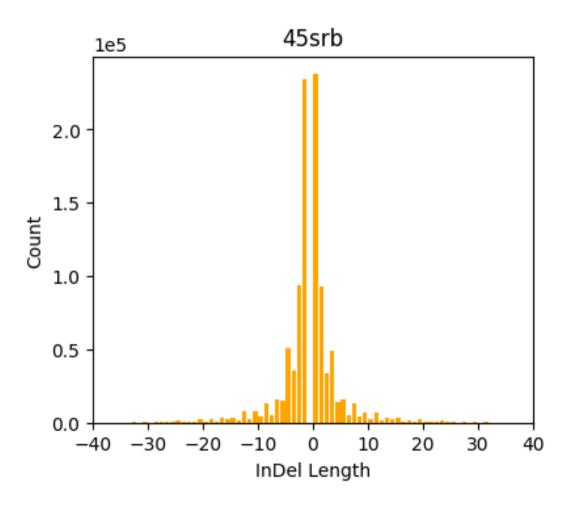
## Number of indels by sample



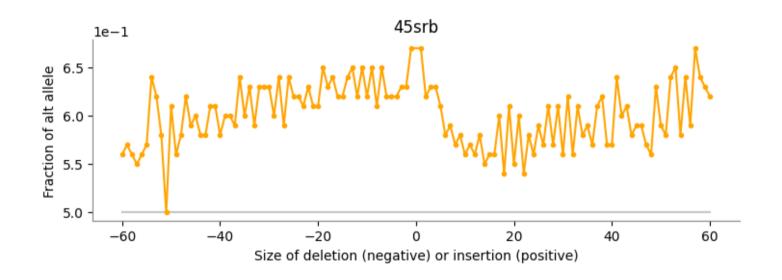
### Ts/Tv stratified by QUAL



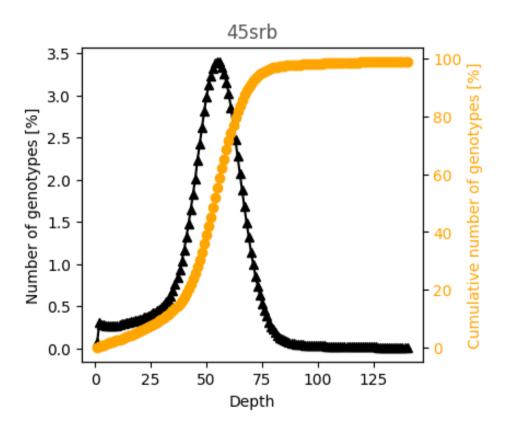
#### Indel distribution



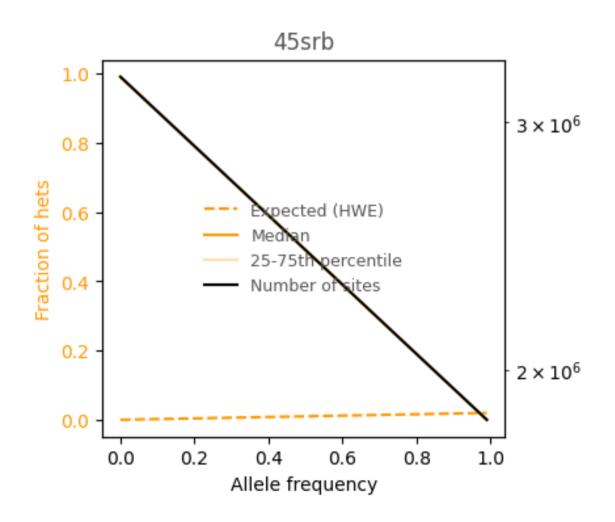
#### Fraction of alternate indel allele



# Depth distribution



#### Number of HETs by AF



# Substitution types

