

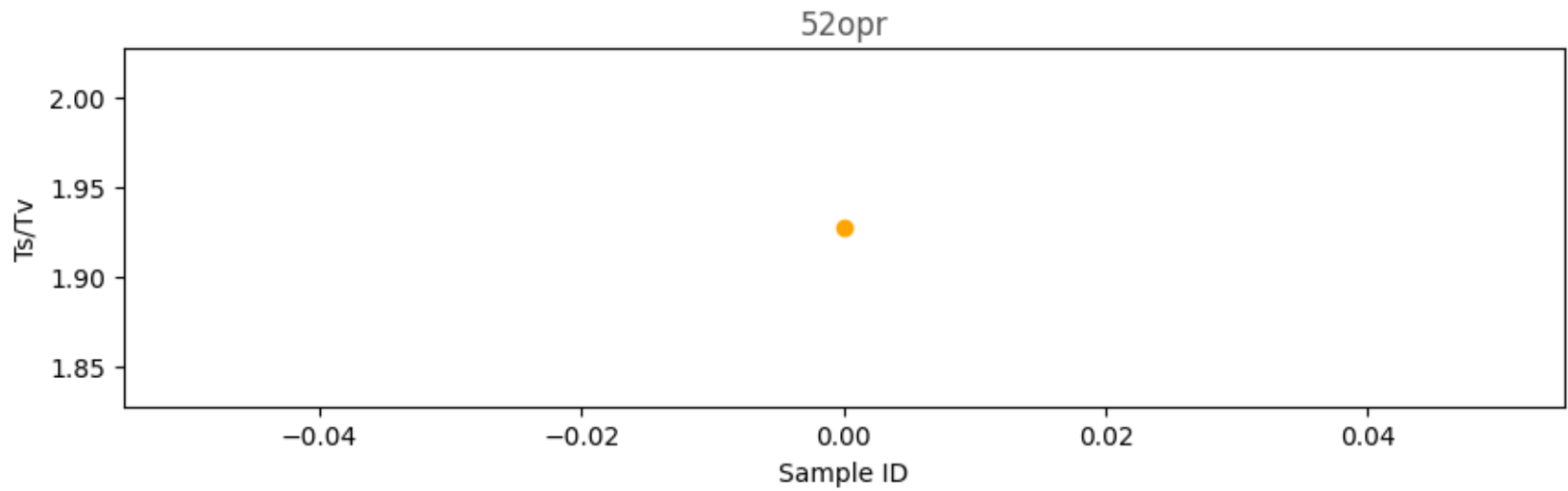
Summary Numbers

Callset	SNPs			indels		MNPs	others
	n	ts/tv	(1st ALT)	n	frm*		
52opr	4,106,801	1.93	1.93	964,717	–	0	0
* frameshift ratio: out/(out+in)							

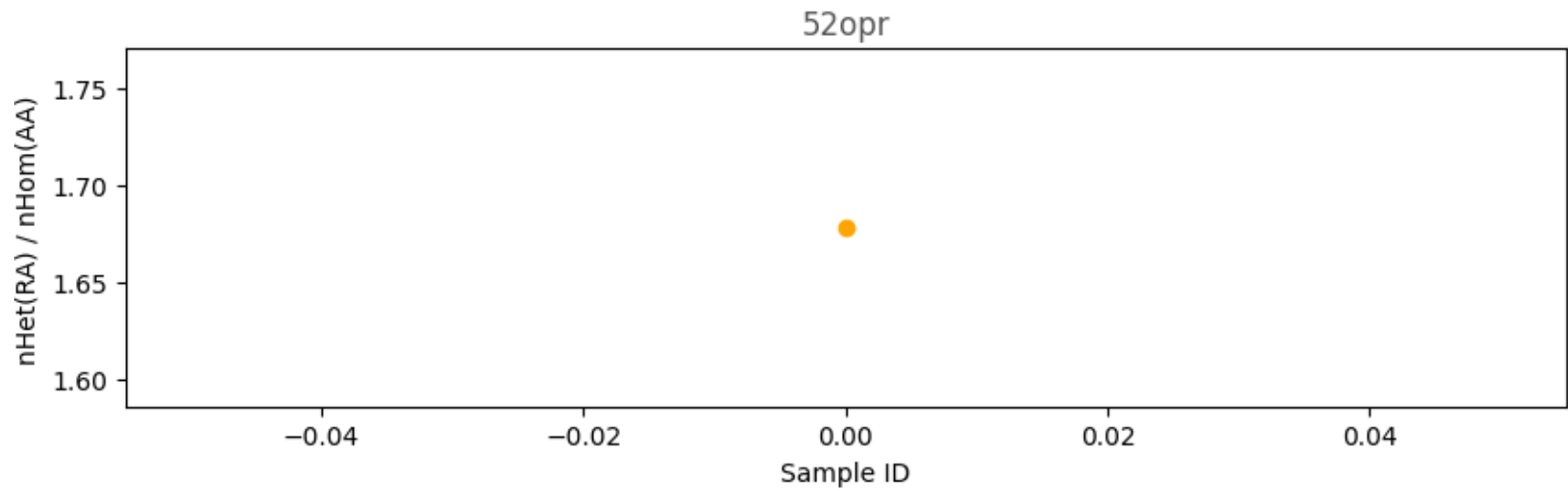
Callset	singletons (AC=1)			multiallelic	
	SNPs	ts/tv	indels	sites	SNPs
52opr	62.7%	1.90	68.5%	106,607	2,238

- 52opr .. /ngc/projects2/gm/data/archive/2022/variants/snv/52opryfsf-103860112893-Normal_Blood_noinfo-WGS_v1_IlluminaDNAPCRFree_RHGM01684-220921_A01961_AHY2KCDSX3-EXT_LAB
KA_NGCWGS-NGCWGS05477_22RKG009274_snv_germline_raw.haplotype_caller.vcf.gz

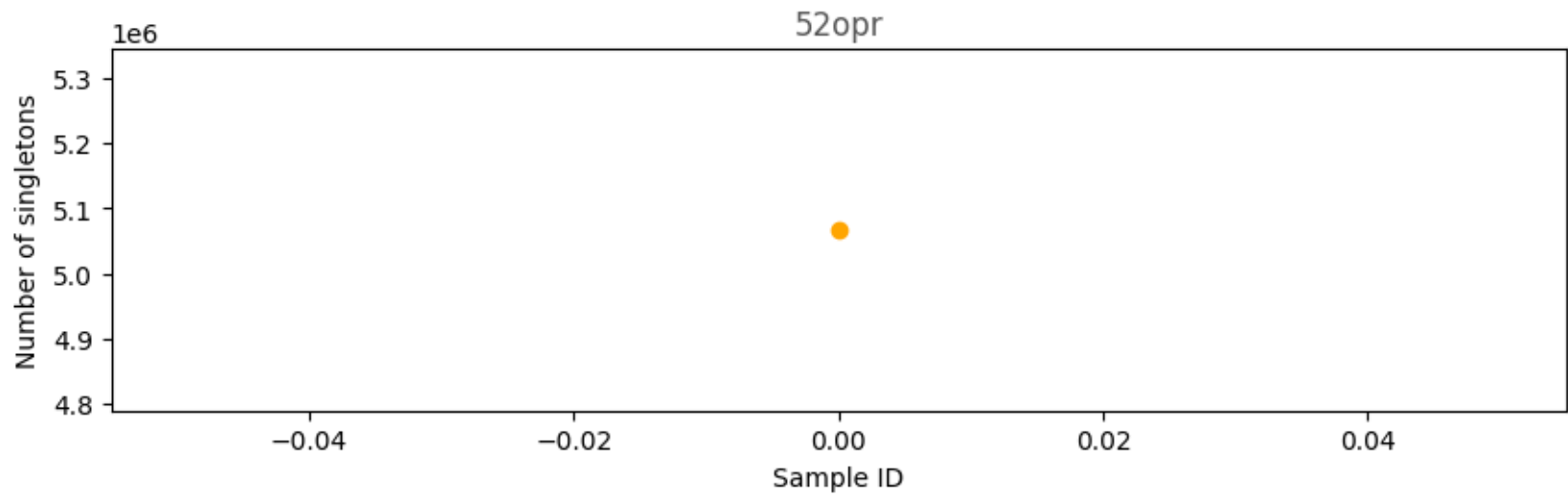
Ts/Tv by sample



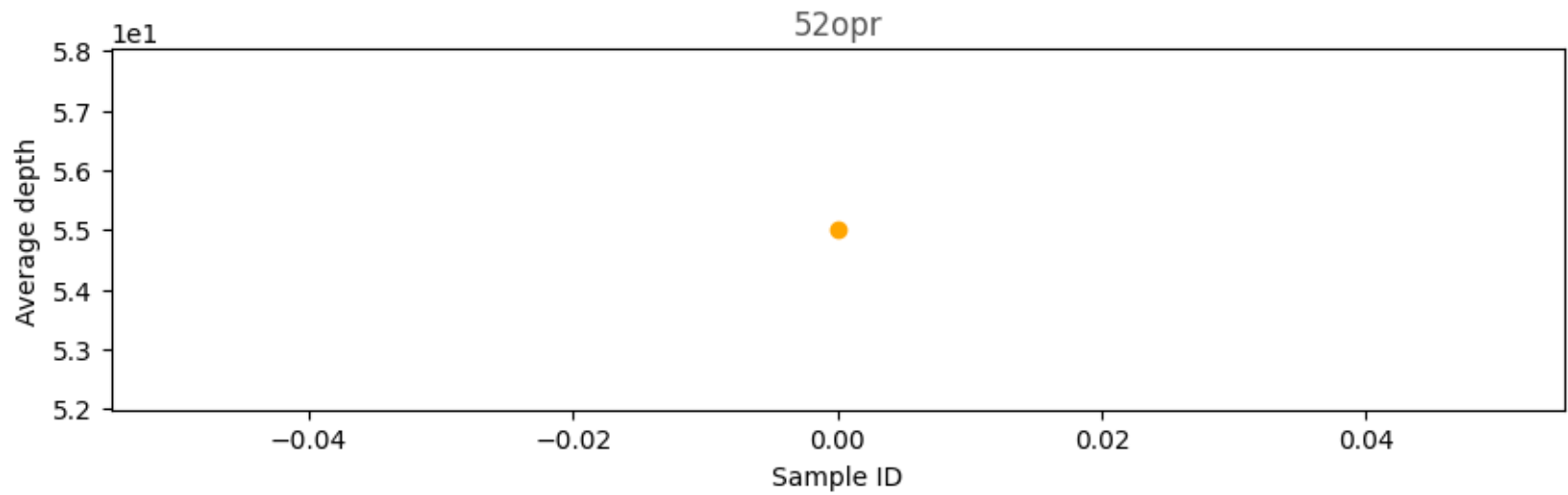
Hets vs non-ref Homs by sample



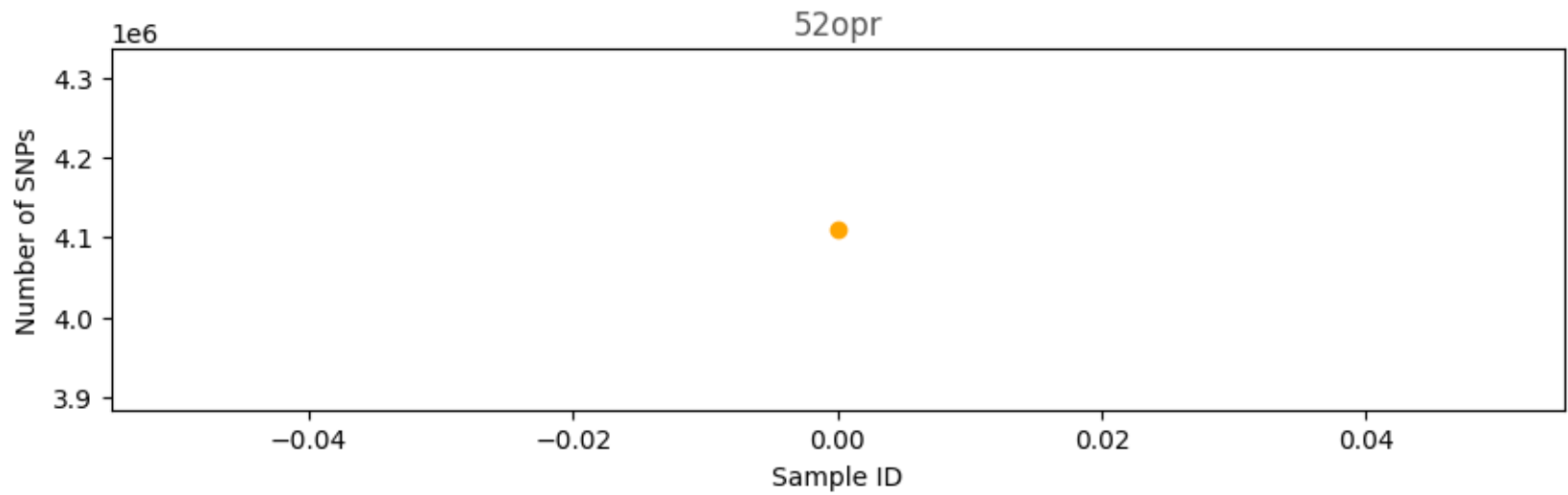
Singletons by sample (hets and homs)



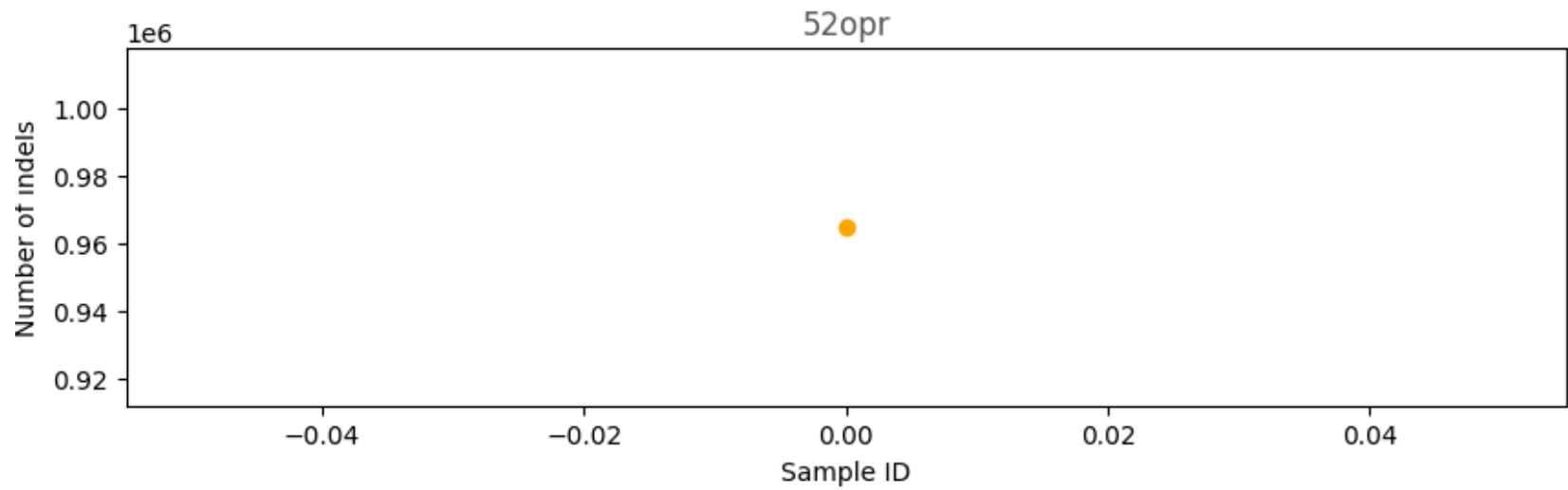
Average depth by sample



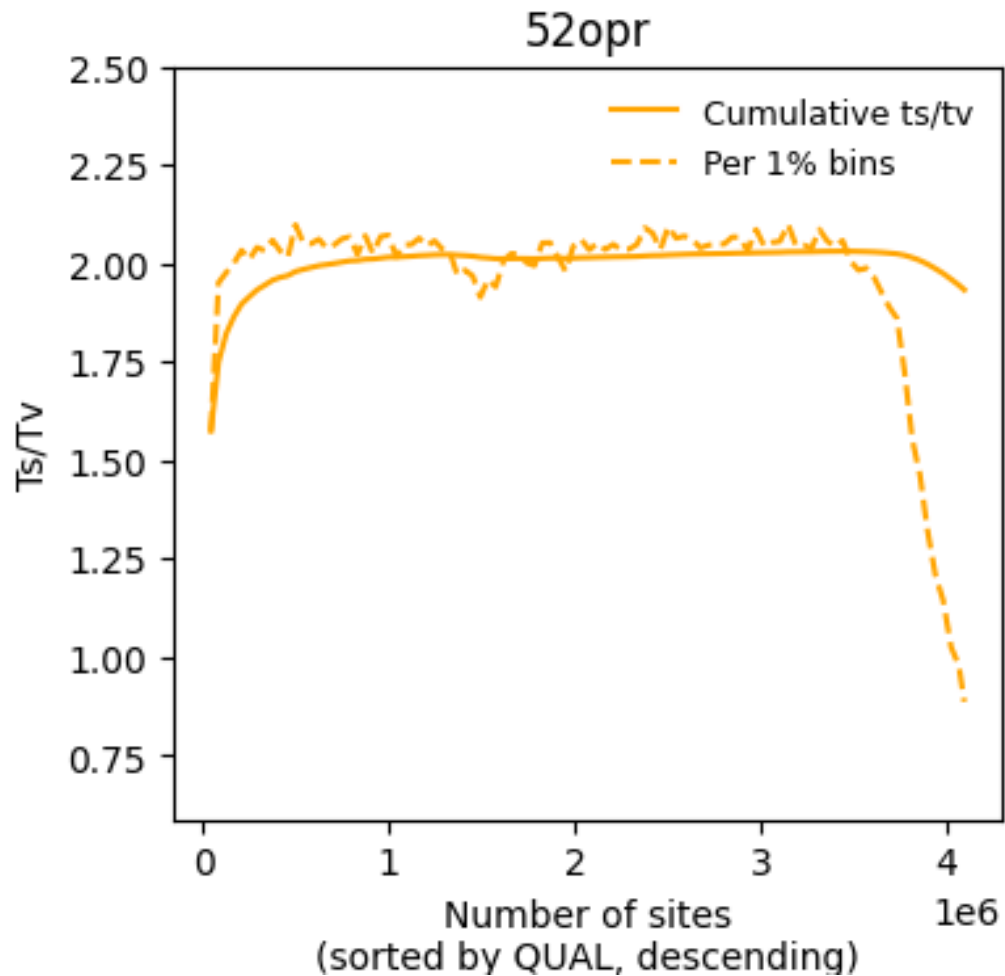
Number of SNPs by sample



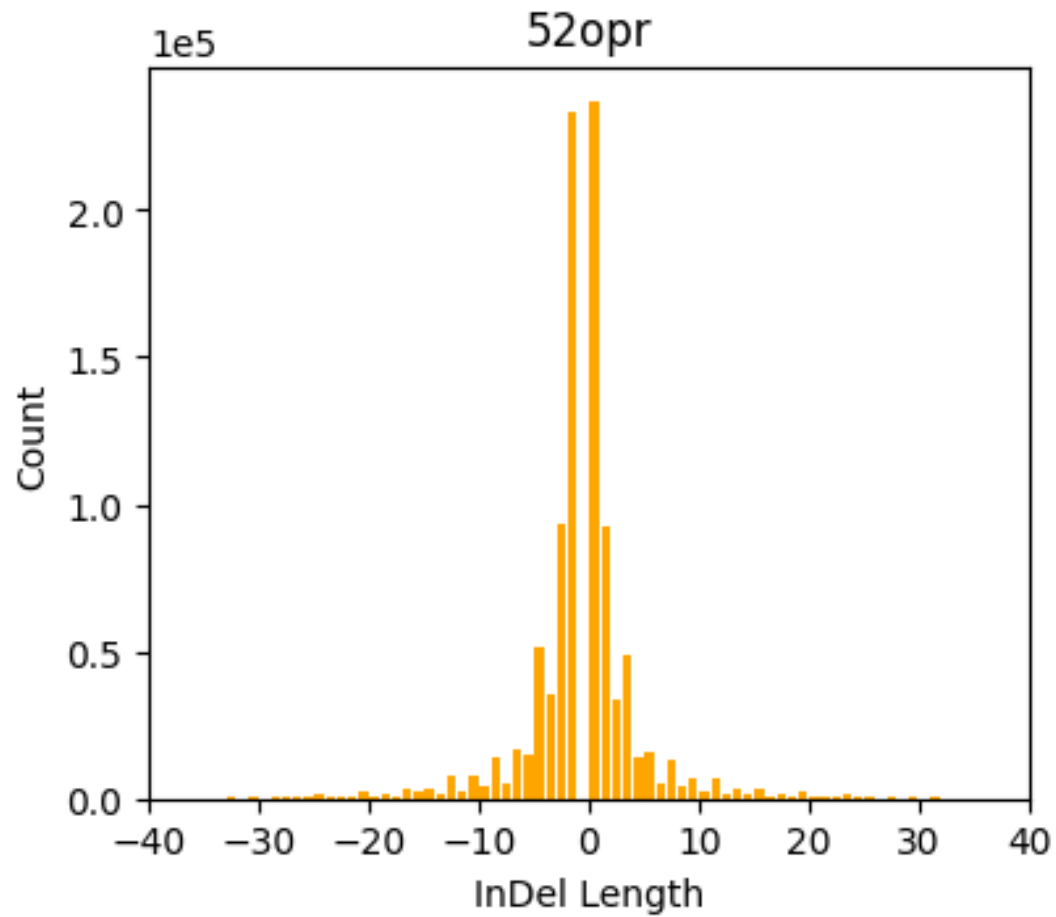
Number of indels by sample



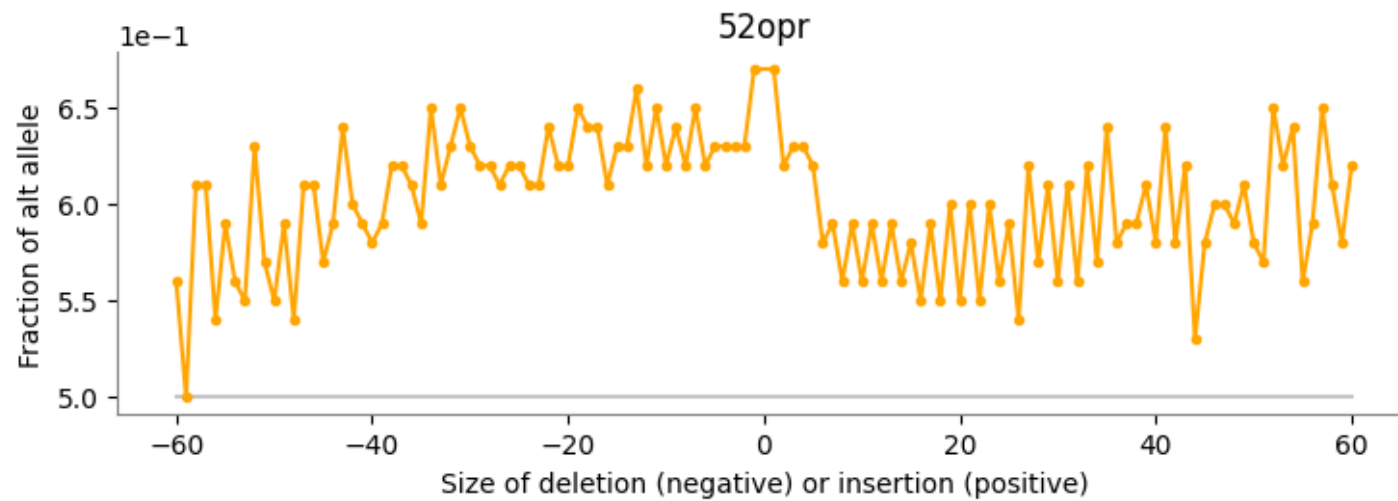
Ts/Tv stratified by QUAL



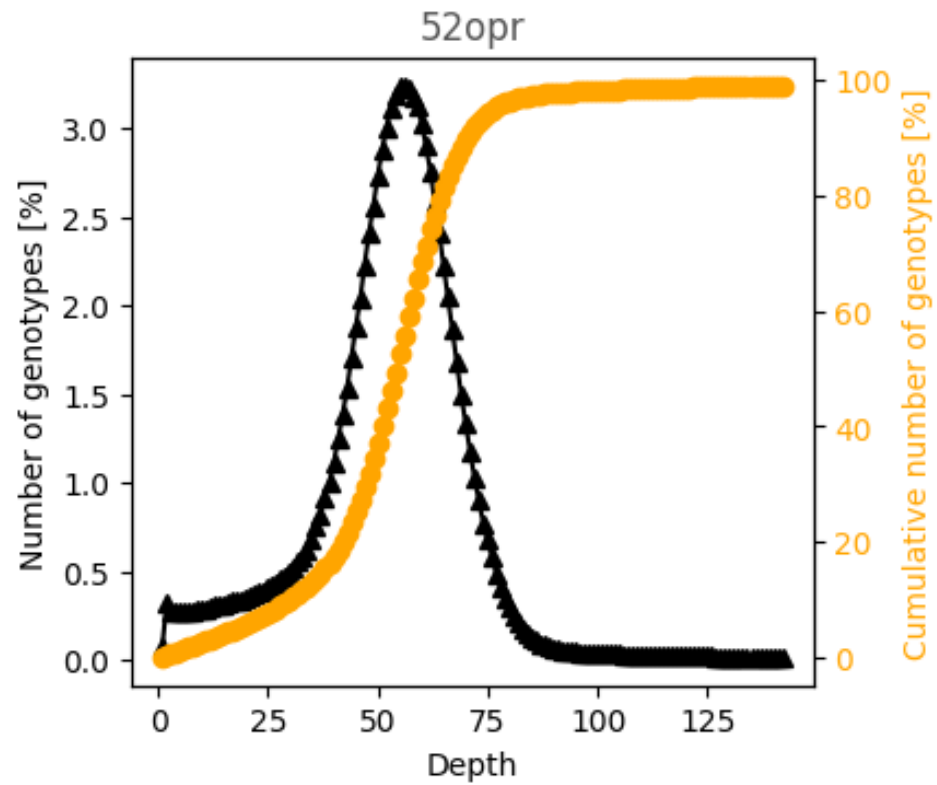
Indel distribution



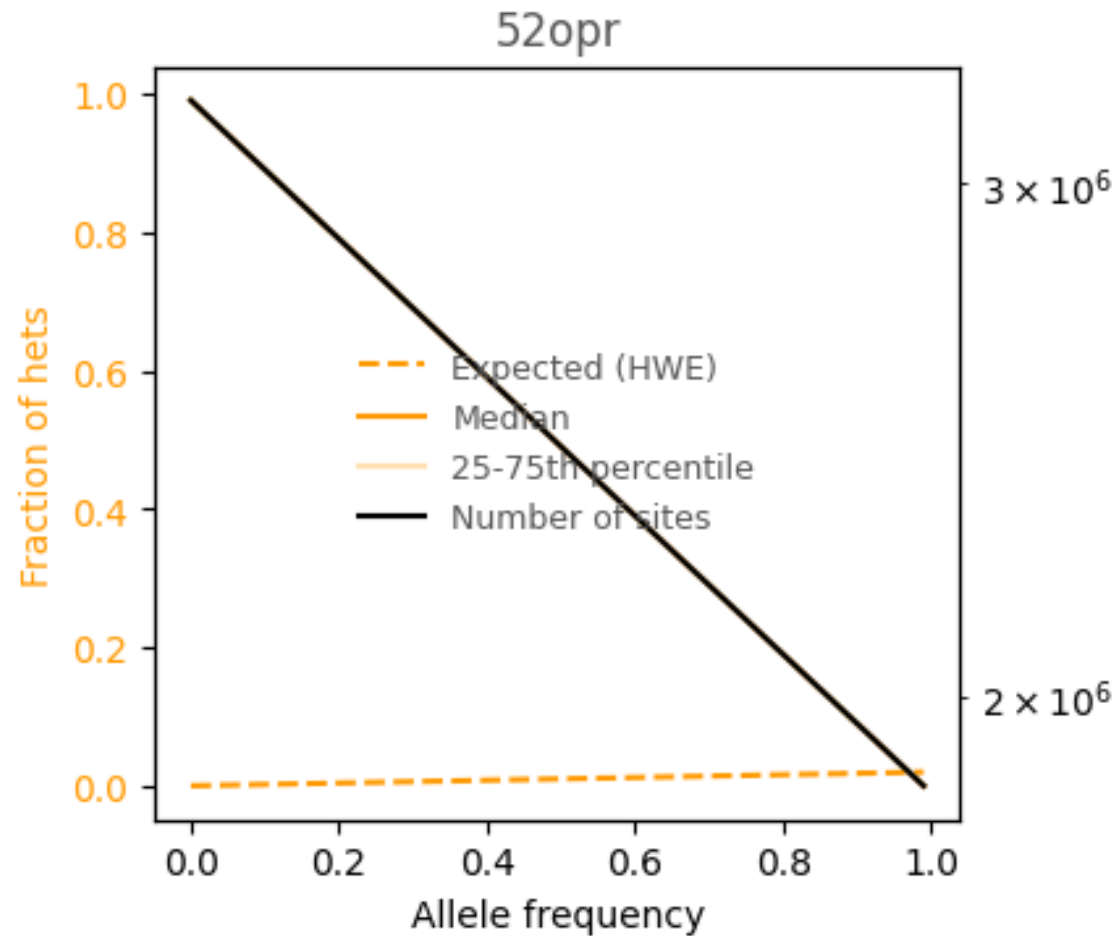
Fraction of alternate indel allele



Depth distribution



Number of HETs by AF



Substitution types

