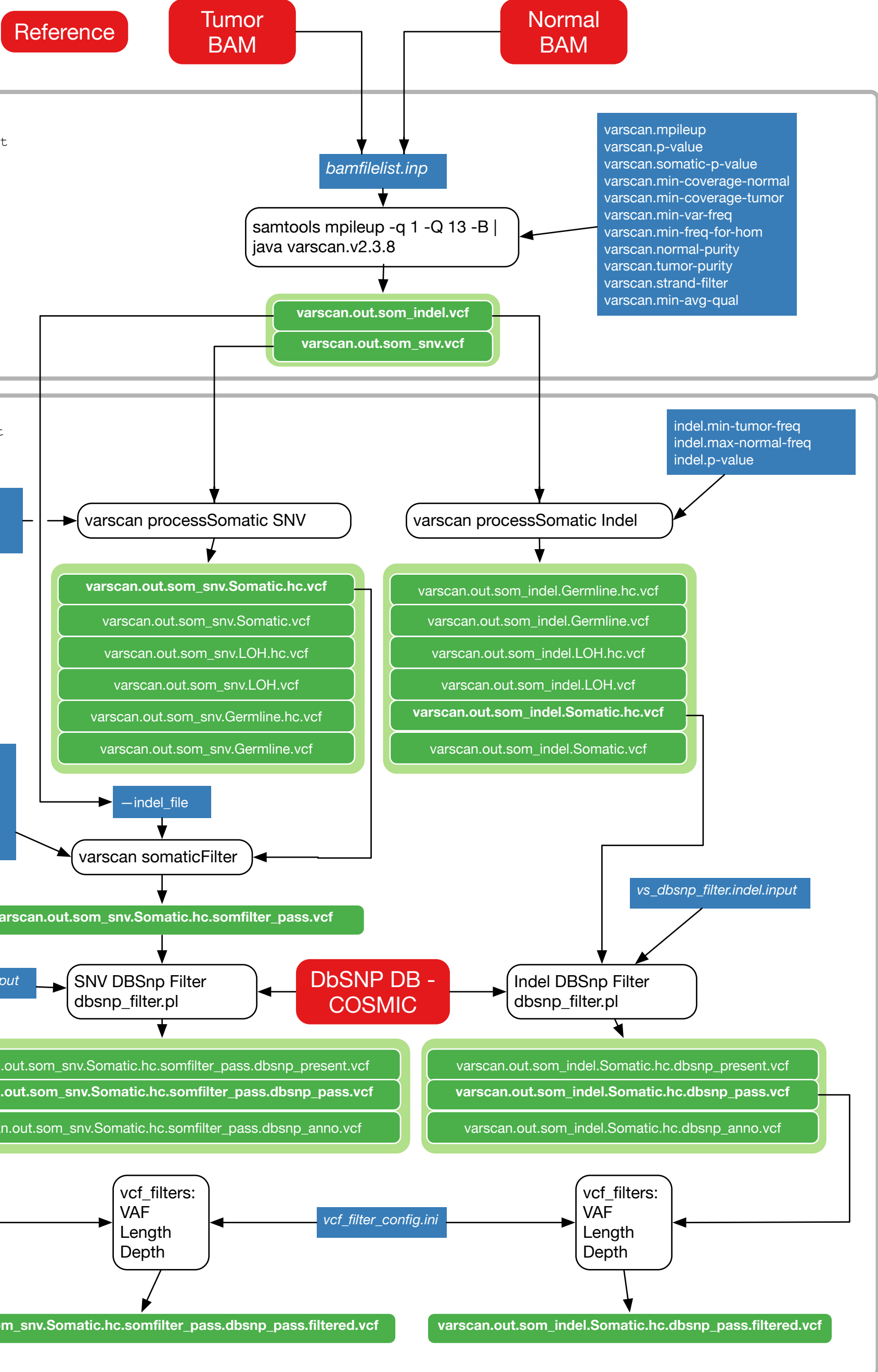
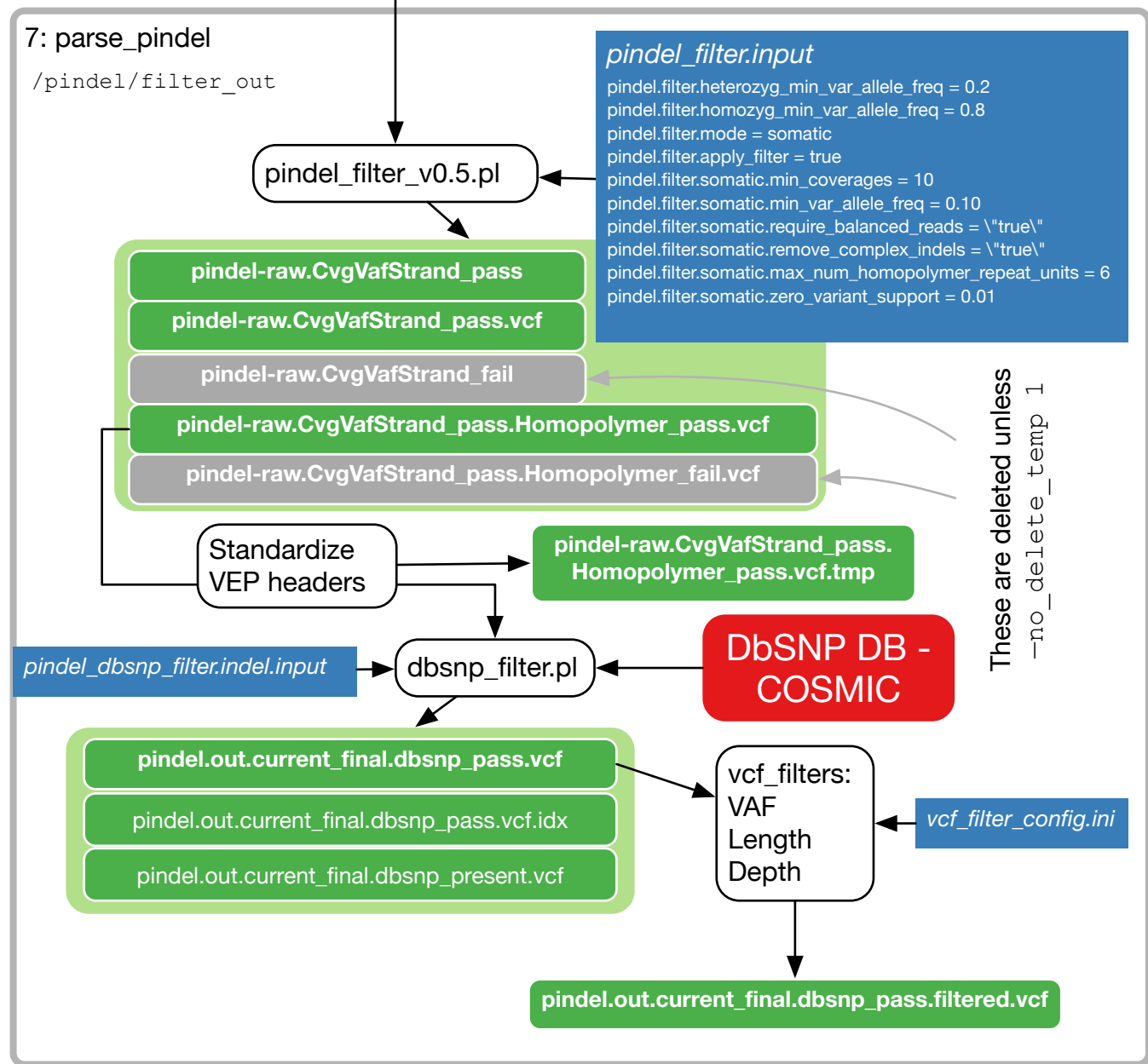
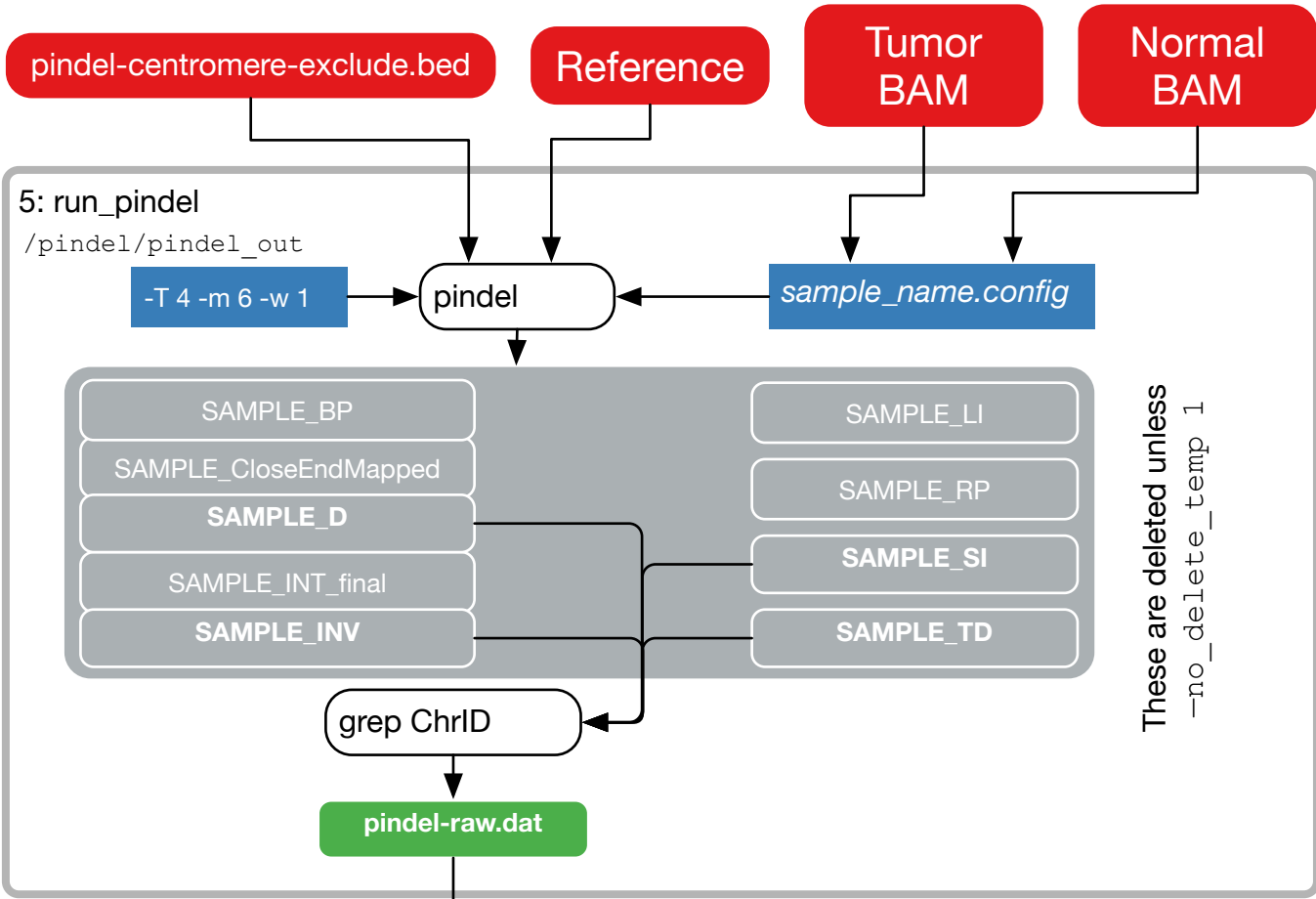


```
strelka.ini
isSkipDepthFilters = 1
maxInputDepth = 10000
depthFilterMultiple = 3.0
snvMaxFilteredBasecallFrac = 0.4
snvMaxSpanningDeletionFrac = 0.75
indelMaxRefRepeat = 8
indelMaxWindowFilteredBasecallFrac = 0.3
indelMaxIntHpolLength = 14
ssnvPrior = 0.000001
sindelPrior = 0.000001
ssnvNoise = 0.0000005
sindelNoise = 0.000001
ssnvNoiseStrandBiasFrac = 0.5
minTier1Mapq = 20
minTier2Mapq = 5
ssnvQuality_LowerBound = 15
sindelQuality_LowerBound = 30
isWriteRealignedBam = 0
binSize = 25000000
is_exome = true / false
```





8: merge_vcf /merged

merged.unfiltered.vcf

vcf_filters:
merged

merged.vcf

10: annotate_vcf /vep?

VEP

merged.VEP.vcf

GATK CombineVariants

-genotypeMergeOptions
PRIORITIZE -priority
strelka,varsan,pindel,varindel

1: run_strelka /strelka/strelka_out

5: run_pindel /pindel/pindel_out

3: parse_strelka /strelka/filter_out

7: parse_pindel /pindel/filter_out

strelka.somatic.snv.all.dbsnp_pass.filtered.vcf

pindel.out.current_final.dbsnp_pass.filtered.vcf

2: run_varsan /varsan/varsan_out

4: parse_varsan /varsan/filter_out

varsan.out.som_snv.Somatic.hc.somfilter_pass.dbsnp_pass.filtered.vcf

varsan.out.som_indel.Somatic.hc.dbsnp_pass.filtered.vcf

