ROUTE MAP FOR GENOTYPE CALLING
using BAM2VCF script


```
                              bam-files

                                 │ runpipeline (maskdepth=?)
                                 ▼
  PREFIX.masked.vcf.gz  ◄── combinevcf ── masked_PREFIX.mybed1.txt.vcf.gz ── calcdepth ──► INPUT FOR BAM2VCF_plotdepth
                                                                                              sampleinfo.DP.txt
                                 │ globalfilter (min_alleles=?, snp_quality=?, removeindels=TRUE, mindepth=?, maxdepth=?)
                                 ▼
                      PREFIX.globalfilter.thin0.mybed1.txt.vcf.gz ── combinevcf2 ──► INPUT FOR DARWINDOW
                                                                                     PREFIX.globalfilter.thin0.vcf.gz
                                 │ thinallsites (thinallbp=??)
                                 ▼
                      PREFIX.globalfilter.thin??.mybed1.txt.vcf.gz ── combinethin ──► PREFIX.globalfilter.thin100.vcf.gz

   selectvariants(biallelic=TRUE)              selectvariants(biallelic=FALSE)

  PREFIX.mysnps.thin??.mybed1.txt.vcf.gz      PREFIX.mysnps.thin??.mybed1.txt.vcf.gz ── combinevcf3 ──► INPUT FOR VCF_CALCDIST.SH
                                                                                                         PREFIX.mysnps.thin??.vcf.gz
                    │ missfilter (minalleles)
                    ▼                                                                                          │ add2inds
  PREFIX.mysnps.thin??.missfilter.mybed1.txt.vcf.gz                                                           ▼
                                                                                                         allvcfdist.txt
   combinevcf4                                                                                            INPUT FOR SAMBAR
  PREFIX.mysnps.thin??.missfilter.vcf.gz                                                                  PREFIX.mysnps.ped
         │ thinsnps (thinsnpbp=?????)         convert2ped
         ▼
  PREFIX.mysnps.thin??_?????.missfilter.vcf.gz
```