

```

params{
  MAPQ = 50
  delDup = true
  CGcorrect = true
  chrs = "all"
  chrPlotYlim = "0 8"
  binPlotYlim = "0 3"
  binOverviewSize = "400 1000"
  customCoverageLimits = "1.5 0.5"
  binSize = 300
  covPerBinSigOPT = "--minLen 0 --pThresh 0.001 --padjust BY"
  covPerGeSigOPT = "--pThresh 0.001 --padjust BH --minLen 0"
  covPerGeRepeatRange = 1000
  freebayesOPT = "--read-indel-limit 1 --read-mismatch-limit 3 --read-snp-limit 3 --min-alternate-fraction 0.05 --min-base-quality
5 --min-alternate-count 2 --pooled-continuous"
  filterFreebayesOPT = "--minFreq 0.1 --maxFreq 1 --minAO 2 --minAOhomopolymer 20 --contextSpan 5 --homopolymerFreq
0.4 --minMQMR 20 --minMQM 20 --MADrange 4"
  filterDellyOPT="--rmLowQual --chrEndFilter 100 --minMAPQ 50 --topHqPercentBnd 150 --topHqPercentIns 150 --
topHqPercentDel 150 --topHqPercentDup 150 --topHqPercentInv 150"
  binSizeCircos = 25000
  bigWigOPT = "--binSize 10 --smoothLength 30"
}
process{
  executor='slurm'
  clusterOptions='--qos normal'
  container='/pasteur/tutorial/giptools'
  cpus=1
  memory='40000'
}
singularity{
  enabled = true
  autoMounts = true
  runOptions = '--bind /pasteur' }

```