

A computational pipeline for whole genome sequencing analysis of *Mycobacterium tuberculosis* complex isolates

TBseq

Version 1.0.0 (2017-03-22)

TBseq release

TBseq/ LICENCE.pdf (v1.0.0) README.pdf (v1.0.0) VERSION.pdf (v1.0.0) TBseq.pl (v1.0.0)TBseq/lib/ **TBreads** (v1.0.0)**TBbwa** (v1.0.0)**TBmerge** (v1.0.0)**TBrefine** (v1.0.0)**TBpile** (v1.0.0)**TBtable** (v1.0.0)**TB**variants (v1.0.0)**TBstats** (v1.0.0)**TBstrains** (v1.0.0)**TBjoin** (v1.0.0)**TBamend** (v1.0.0)**TBgroups** (v1.0.0)

```
TBseq/opt/
       samtools
                      (v1.3.1)
       sambamba
                      (v0.6.5)
       IGV-tools
                      (v2.3.88)
       picard-tools
                      (v2.7.1)
       BWA
                      (v0.7.15)
       GATK
                      (v3.6)
TBseq/var/
       cat/
              MTB_Gene_Categories.txt
                                            (v1.0)
       ref/
              M._abscessus_CIP-104536T_2014-02-03.fasta
               M._abscessus_CIP-104536T_2014-02-03_genes.txt
              M._chimaera_DSM44623_2016-01-28.fasta
               M._chimaera_DSM44623_2016-01-28_genes.txt
               M._fortuitum_CT6_2016-01-08.fasta
               M._fortuitum_CT6_2016-01-08_genes.txt
               M._tuberculosis_H37Rv_2015-11-13.fasta
               M._tuberculosis_H37Rv_2015-11-13_genes.txt
       res/
              Base_Calibration_List.vcf
                                                                   (v1.0.0)
               Base Calibration List.vcf.idx
                                                                   (v1.0.0)
               MTB_Extended_Resistance_Mediating.txt
                                                                   (v1.0.0)
               MTB_Resistance_Mediating.txt
                                                                   (v1.0.0)
```