

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

TBseq

Version 1.1.0 (2017-02-22)

TBseq release

TBseq/ LICENCE.pdf (v1.1.0) README.pdf (v1.1.0) VERSION.pdf (v1.1.0) TBseq.pl (v1.1.0)TBseq/lib/ TBreads (v1.1.0)TBbwa (v1.1.0)TBmerge (v1.1.0)TBrefine (v1.1.0)**TBpile** (v1.1.0)**TBtable** (v1.1.0)**TBvariants** (v1.1.0)**TBjoin** (v1.1.0)**TBamend** (v1.1.0)**TBstrains** (v1.1.0)**TBgroups** (v1.1.0)

```
TBseq/opt/
                      (v1.3.1)
       samtools
       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)
              Base_Calibration_List.vcf.idx
                                                                   (v1.0)
              MTB_Extended_Resistance_Mediating.txt
                                                                   (v1.0)
              MTB_Resistance_Mediating.txt
                                                                   (v1.0)
```