

Version 1.0 (2016-11-15)

TBseq release

The TBseq/ folder contains the following files:

1. LICENCE.pdf (v1.0)
2. README.pdf (v1.0)
3. VERSION.pdf (v1.0)
4. TBseq.pl (v1.0)

The TBseq/lib/ folder contains the following packages:

1. TBreads (v1.0)
2. TBbwa (v1.0)
3. TBmerge (v1.0)
4. TBrefine (v1.0)
5. TBpile (v1.0)
6. TBtable (v1.0)
7. TBvariants (v1.0)
8. TBjoin (v1.0)
9. TBamend (v1.0)
10. TBstrains (v1.0)
11. TBgroups (v1.0)

The TBseq/opt/ folder contains the following programs:

1. sam-tools (v1.3.1)
2. sambamba (v0.6.5)
3. IGV-tools (v2.3.88)
4. picard-tools (v2.7.1)
5. BWA (v0.7.15)
6. GATK (v3.6)

The TBseq/var/ folder contains the following sub directories and files:

1. cat/
 - a. MTB_Gene_Categories.txt (v1.0)
2. ref/
 - a. M._abscessus_CIP-104536T_2014-02-03.fasta
M._abscessus_CIP-104536T_2014-02-03_genes.txt
 - b. M._chimaera_DSM44623_2016-01-28.fasta
M._chimaera_DSM44623_2016-01-28_genes.txt
 - c. M._fortuitum_CT6_2016-01-08.fasta
M._fortuitum_CT6_2016-01-08_genes.txt
 - d. M._tuberculosis_H37Rv_2015-11-13.fasta
M._tuberculosis_H37Rv_2015-11-13_genes.txt
3. res/
 - a. Base_Calibration_List.vcf (v1.0)
 - b. Base_Calibration_List.vcf.idx (v1.0)
 - c. MTB_Extended_Resistance_Mediating.txt (v1.0)
 - d. MTB_Resistance_Mediating.txt (v1.0)

The tbstest/ folder contains the following files:

1. 0002-01_lib0002_miseq_r0001_151bp_R2.fastq.gz
2. 0002-01_lib0002_miseq_r0001_151bp_R1.fastq.gz
3. 0001-01-lib0001_S01_L004_R2_001.fastq.gz
4. 0001-01-lib0001_S01_L004_R1_001.fastq.gz

5. 0001-01-lib0001_S01_L003_R2_001.fastq.gz
6. 0001-01-lib0001_S01_L003_R1_001.fastq.gz
7. 0001-01-lib0001_S01_L002_R2_001.fastq.gz
8. 0001-01-lib0001_S01_L002_R1_001.fastq.gz
9. 0001-01-lib0001_S01_L001_R2_001.fastq.gz
10. 0001-01-lib0001_S01_L001_R1_001.fastq.gz