

# Home

 For reporting bugs please go to the [JIRA Issue Tracker](#), to ask a question visit the [Forum](#).

## 1 - Introduction

### 2 - Download

- [1.0.1 Release Notes](#)
- [1.0.2 Release Notes](#)
- [1.1 Release Notes](#)
- [1.2 Release Notes](#)
- [1.2.1 Release Notes](#)
- [1.2.2 Release Notes](#)
- [1.2.3 Release Notes](#)
- [1.2.4 Release Notes](#)
- [1.3 Release Notes](#)
- [1.4 Release Notes](#)
- [1.5.1 Release Notes](#)
- [1.5.2 Release Notes](#)
- [1.6 Release Notes](#)
- [1.6.1 Release Notes](#)

## 3 - Getting Started

- [3.1 - System Requirements](#)
- [3.2 - Starting the Flux Capacitor](#)
- [3.3 - Examples](#)
  - [Geuvadis Quantifications](#)
  - [GTEX Quantifications](#)

## 4 - Annotation Mapping

- [4.1 - Segment Graph](#)
- [4.2 - Read Mapping](#)

## 5 - Deconvolution

- [5.1 - Linear Program](#)
- [5.2 - Bias estimation](#)

## 6 - Quantified Elements

- [6.3 Intron Quantifications](#)

## Appendix A - File Format Specifications

- [BAM - Mapping Locations](#)
- [BED - Insert File](#)
- [JSON - Profile File](#)
- [PAR - Parameters](#)
  - [Read Descriptors](#)

## Appendix B - Frequently Asked Questions (FAQ)

## Appendix C - JIRA Issue Tracker

## Appendix D - Forum

- [D.1 - FAQ \(Frequently Asked Questions\)](#)
  - [Analysis of Geuvadis Dataset using Flux-Capacitor.](#)
  - [Cant find tool capacitor](#)
  - [Flux Capacitor output files](#)
  - [Flux Capacitor error: java.lang.OutOfMemoryError: Java heap space with FLUX\\_MEM=16G](#)
  - [How to get name and sequence of reads mapped to a particular gene](#)
  - [How to quantify multiple bam files](#)
  - [How to quantify the expression value of transcript in RPKM](#)

- Overlapping transcripts - RPKM NAN
- Problems working with BAM files
- Understanding RPKM values
- You cannot specify a READ\_Descriptor for BAM files
- D.2 - Annotation Mapping
- D.3 - Bias Estimation
- D.4 - Deconvolution

## Recently Updated

### [1.0.2 Release Notes](#)

Jan 23, 2020 • updated by Micha Sammeth • [view change](#)

### [1.1 Release Notes](#)

Jan 23, 2020 • updated by Micha Sammeth • [view change](#)

### [1.2 Release Notes](#)

Jan 23, 2020 • updated by Micha Sammeth • [view change](#)

### [1.2.1 Release Notes](#)

Jan 23, 2020 • updated by Micha Sammeth • [view change](#)

### [1.2.2 Release Notes](#)

Jan 23, 2020 • updated by Micha Sammeth • [view change](#)

### [1.2.3 Release Notes](#)

Jan 23, 2020 • updated by Micha Sammeth • [view change](#)

### [1.2.4 Release Notes](#)

Jan 23, 2020 • updated by Micha Sammeth • [view change](#)

### [1.3 Release Notes](#)

Jan 23, 2020 • updated by Micha Sammeth • [view change](#)

### [1.4 Release Notes](#)

Jan 23, 2020 • updated by Micha Sammeth • [view change](#)

### [1.5.1 Release Notes](#)

Jan 23, 2020 • updated by Micha Sammeth • [view change](#)

### [1.5.2 Release Notes](#)

Jan 23, 2020 • updated by Micha Sammeth • [view change](#)

### [1.6 Release Notes](#)

Jan 23, 2020 • updated by Micha Sammeth • [view change](#)

### [1.6.1 Release Notes](#)

Jan 23, 2020 • updated by Micha Sammeth • [view change](#)

### [2 - Download](#)

Jan 23, 2020 • updated by Micha Sammeth • [view change](#)

Flux Capacitor error: java.lang.OutOfMemoryError: Java heap space with FLUX\_MEM=16G

Dec 03, 2015 • commented by christopher gillies