

CAGE Data Analysis of HeLa-Yeast spike-in

Enrichetta, Marco and Yunzhang
Supervisor: O. Emanuelsson

Data

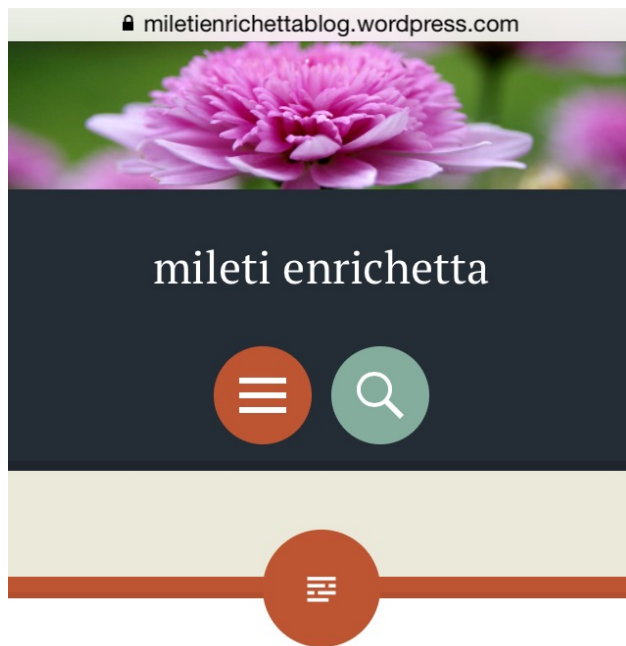
- CAGE libraries from HeLa cell lines
- 2 conditions/concentrations of yeast genomic materials:
 - HeLa with 0.1%
 - HeLa with 1%

Objectives

- Establish if yeast is a reasonable spike-in for CAGE data
- Identify a new method for normalize CAGE data using “yeast expression”

Project Plan

- First week : data production
 - **RUNNING PIPELINE**
- Second week : start data analysis



First meeting

First meeting with Marco and Yunzhan for discussing the Project plan

marcosalvatore31



KTH-COURSE DIARY

19 FEBRUARY, 2015 | MARCOSALVATORE | LEAVE A COMMENT

Hi, this is my first text for the course. Here I will upload all my progress

First day : meeting with Enrichetta and Yunzhang. We decide how to make presentation and we shared our defined diaries

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*H:\BB2490 Analysis of data from high-throughput molecular biology\BB2490_project_diary.txt - Notepad++
File Edit Search View Encoding Language Settings Macro Run Plugins Window ?
BB2490_project_diary.txt
1 2015-02-20 Fri
2
3 Project start
4   Project topic: CAGE data analysis of HeLa-Yeast spike-in
5   Group members: Macro, Enrichetta, Yunzhang
6   Supervisor: Olof
7
8   Data: CAGE libraries from HeLa cell line with two concentrations of yeast spike-in
9   Project plan:
10      1st week: go through the CAGE data pipeline
11      2nd week:
12
13   Group members' diary
14      Macro: marcosalvatore31.wordpress.com
15      Enrichetta: miletienrichettablog.wordpress.com
16
Normal text file length: 437 lines: 16 Ln: 15 Col: 55 Sel: 0|0 Dos/Windows UTF-8 w/o BOM INS
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