

Transcription

2nd day

Overview

- Defined i/o for $\frac{3}{5}$ modules in new format
- Defined parameters that are exchanged
- Improved our modules ...

Transcription module

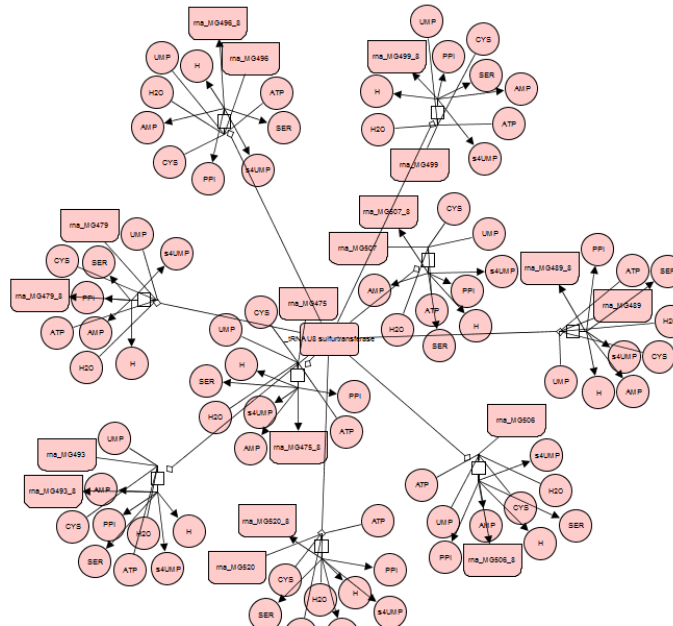
- created python script to build up loci of each polymerase
- to improve performance we will work on a 2nd version (more abstract)

Transcriptional regulation

- SBML model with all reactions
- Problem: reactions happen with poisson distr. (original is multinomial)

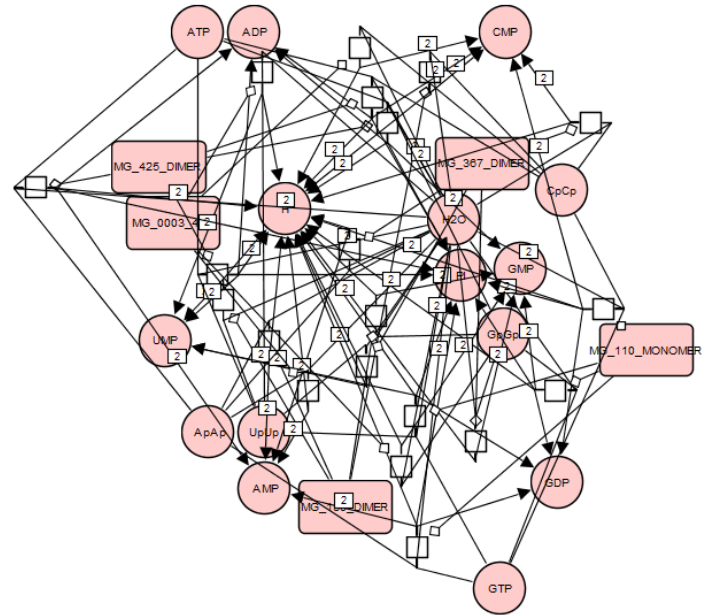
RNA modification

- built SBML/SBGN



RNA processing

- started to encode the Model
- current status,
 - details have to be added



RNA decay

- mark down the RNA decay reactions to its products (nucleotides)
- coding in SBML will be finished tomorrow

Thats it =)