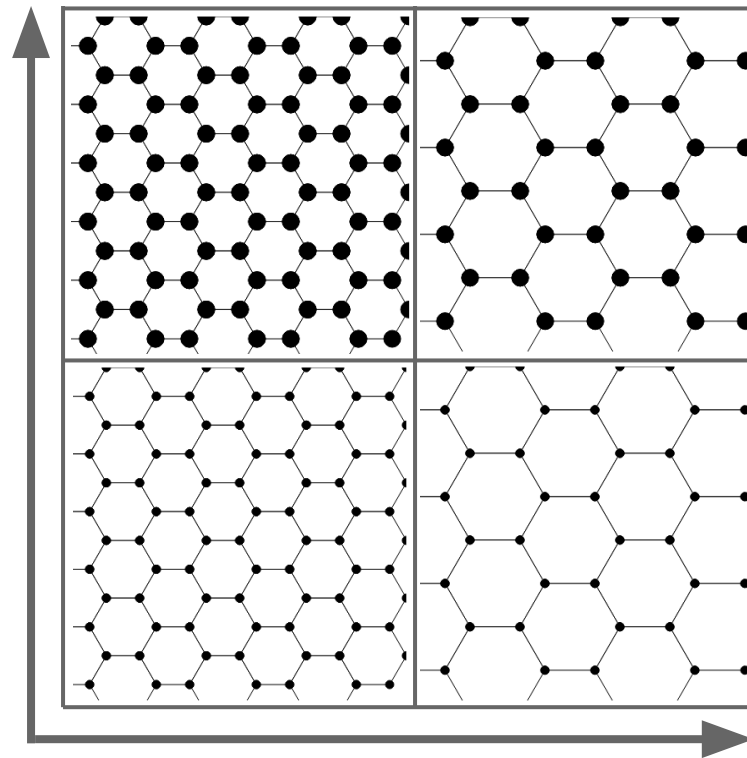


nodeSize



hexSize

128.208.17.166:9000/#/

Index - Pathway Explorer Source Issues

Layout Settings
Reaction Sets

ID	# Steps	Pin
mac:Set10000	5	<input type="checkbox"/>
mac:Set10001	5	<input type="checkbox"/>
mac:Set10002	5	<input type="checkbox"/>
mac:Set10003	5	<input type="checkbox"/>
mac:Set10004	5	<input type="checkbox"/>
mac:Set10005	5	<input type="checkbox"/>
mac:Set10006	5	<input type="checkbox"/>
mac:Set10007	5	<input type="checkbox"/>
mac:Set10008	5	<input type="checkbox"/>
mac:Set10009	5	<input type="checkbox"/>

Page 0 of 515

(A)

128.208.17.166:9000/#/

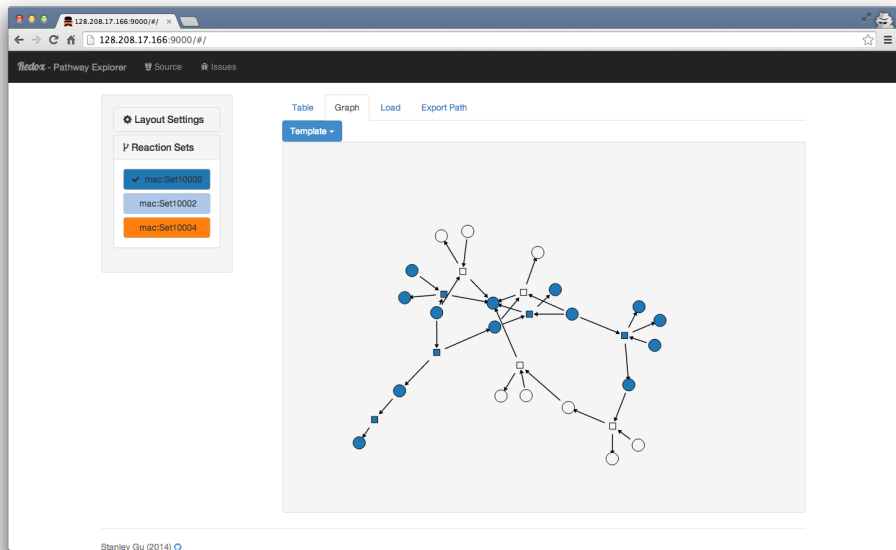
Index - Pathway Explorer Source Issues

Layout Settings
Reaction Sets

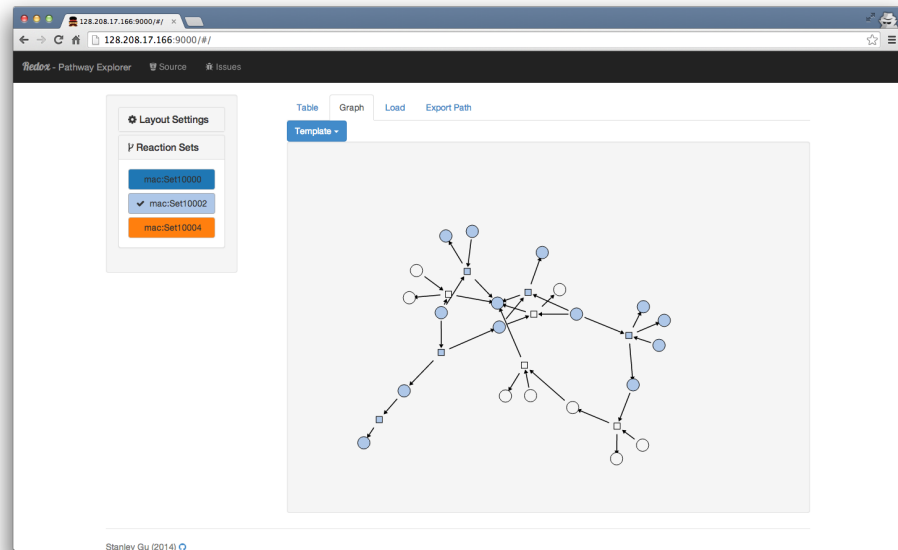
ID	# Steps	Pin
mac:Set10000	5	<input checked="" type="checkbox"/>
mac:Set10001	5	<input type="checkbox"/>
mac:Set10002	5	<input checked="" type="checkbox"/>
mac:Set10003	5	<input type="checkbox"/>
mac:Set10004	5	<input checked="" type="checkbox"/>
mac:Set10005	5	<input type="checkbox"/>
mac:Set10006	5	<input type="checkbox"/>
mac:Set10007	5	<input type="checkbox"/>
mac:Set10008	5	<input type="checkbox"/>
mac:Set10009	5	<input type="checkbox"/>

Page 0 of 515

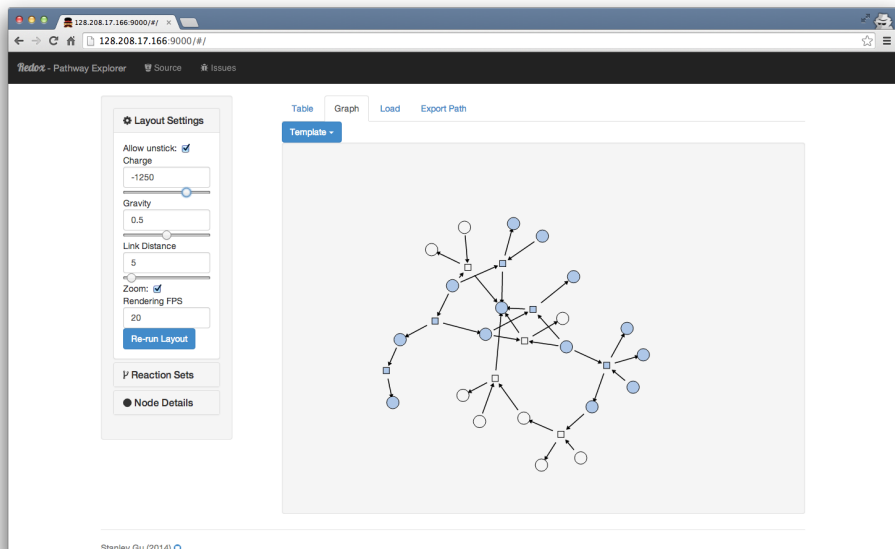
(B)



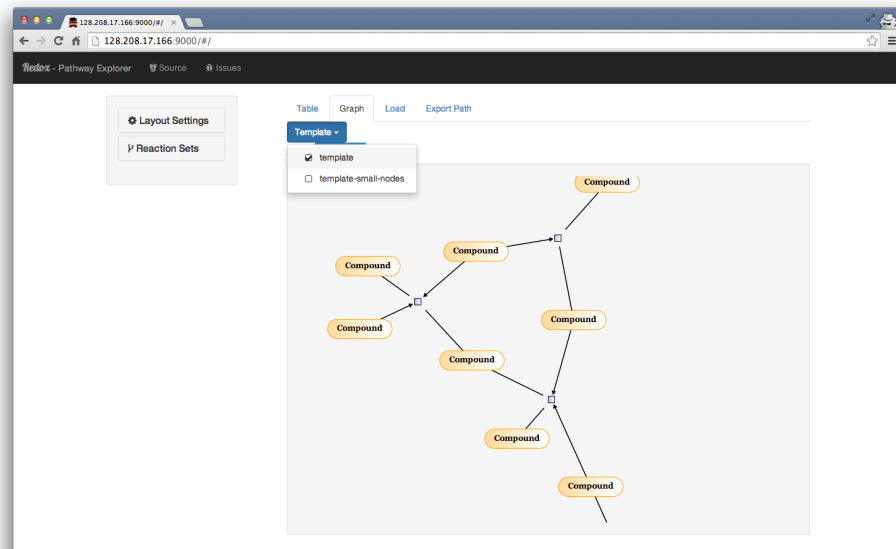
(A)



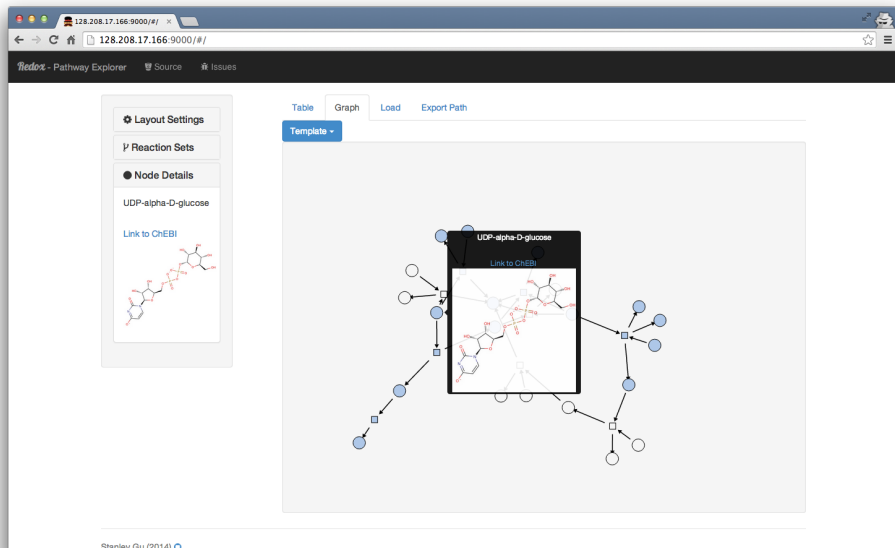
(B)



(A)



(B)



(A)

The screenshot shows the ChEBI database entry for UDP-D-glucose (CHEBI:18066). The header includes the ChEBI logo and the text 'The database and ontology of Chemical Entities of Biological Interest'. A search bar is at the top right. The main content area has tabs for 'Main', 'ChEBI Ontology', and 'Automatic Xrefs'. The 'Main' tab is active, displaying the following information:

- CHEBI Name:** UDP-D-glucose
- CHEBI ID:** CHEBI:18066
- CHEBI ASCII Name:** UDP-D-glucose
- Definition:** A UDP-sugar having D-glucose as the sugar component.
- Stars:** ★★★ This entity has been manually annotated by the ChEBI Team.
- Secondary ChEBI IDs:** CHEBI:13498, CHEBI:13505, CHEBI:9895, CHEBI:9845, CHEBI:22103, CHEBI:27234, CHEBI:28532
- Supplier Information:** We are unable to retrieve the vendor information for this entry at this time. Please try again later.
- See structure as:** ☒ Image ☐ Applet
- Download Mofite**
- Find compounds which contain this structure**
- Find compounds which resemble this structure**

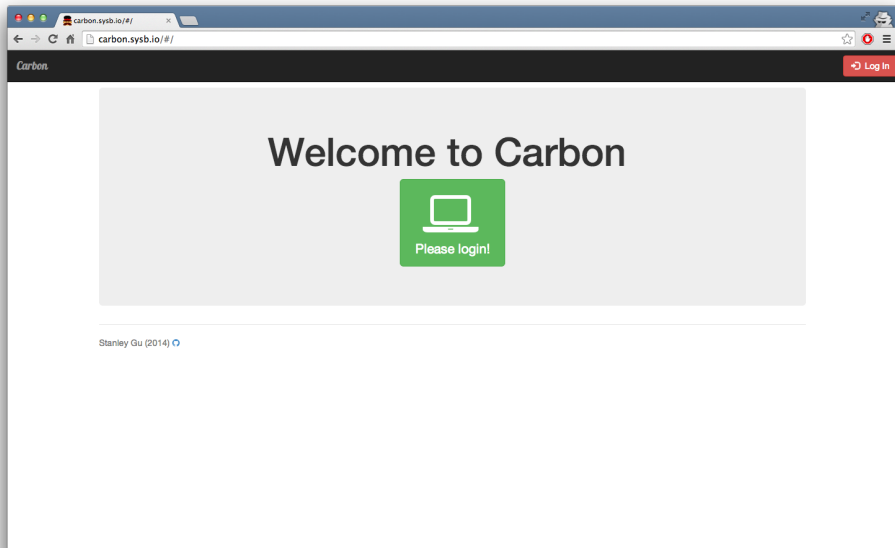
Below this information, there is a table with the following data:

Formula	Source
C ₁₅ H ₂₄ N ₂ O ₁₇ P ₂	KEGG COMPOUND

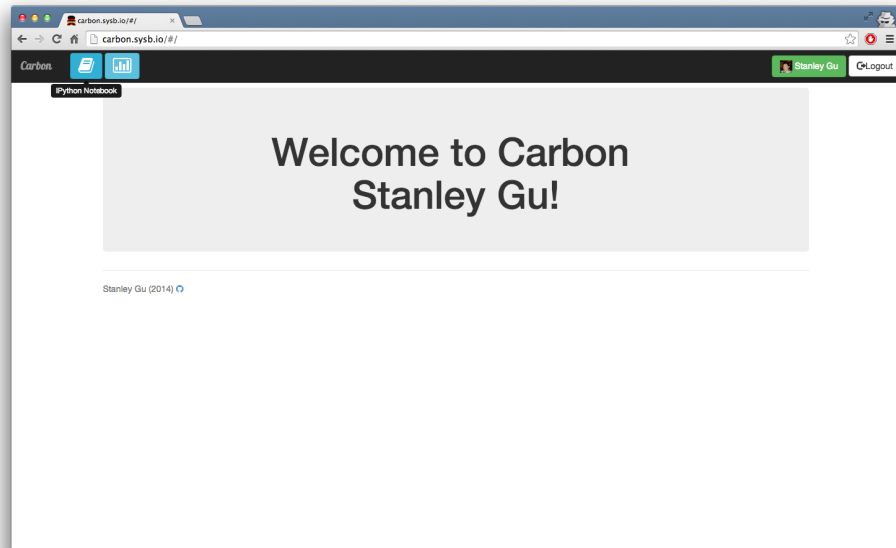
Additional properties listed include:

- Net Charge:** 0
- Average Mass:** 566.30186
- InChI:** InChI=1S/C₁₅H₂₄N₂O₁₇P₂/c(18-3-6-20)/o(22)12(24)14(32-5)33-38(28,29)34-35(26,27)30-4-6-9(21)1(23)13(31-6)17-2-1-7(19)16-15(17)25h1-2,5-8-14,18,20-24H,3-4H2,(H,26,27)(H,16,19,29)B5-6-8-9-10-11-12-13-147m1a1
- InChIKey:** HSCJRC2BDFQWRP-RDQGLNKQSA-N

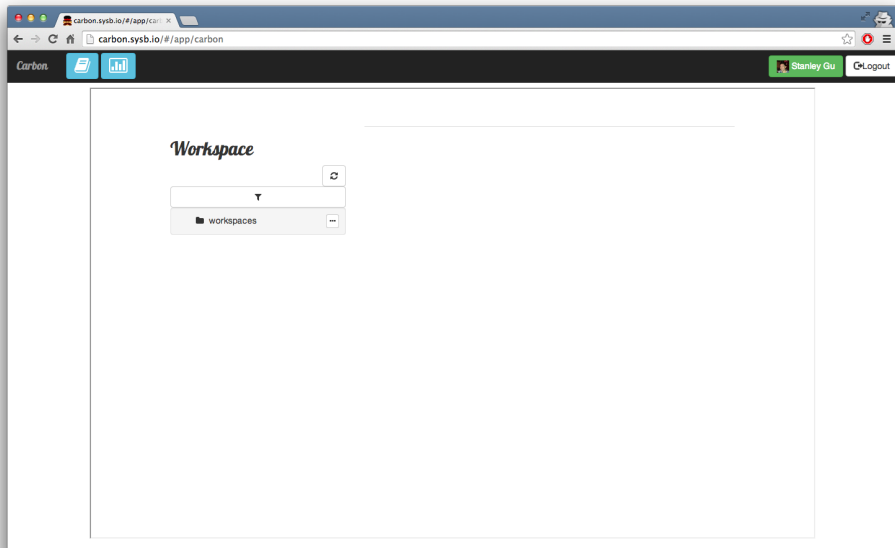
(B)



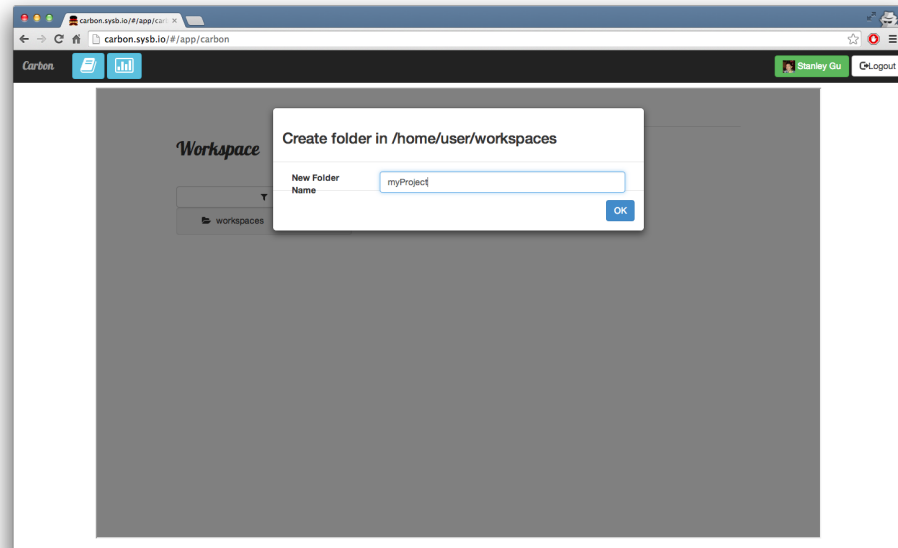
(A)



(B)



(A)



(B)

carbon.sysbio.io/#app/carbon

Carbon Stanley Gu Logout

Workspace

workspaces
myProject

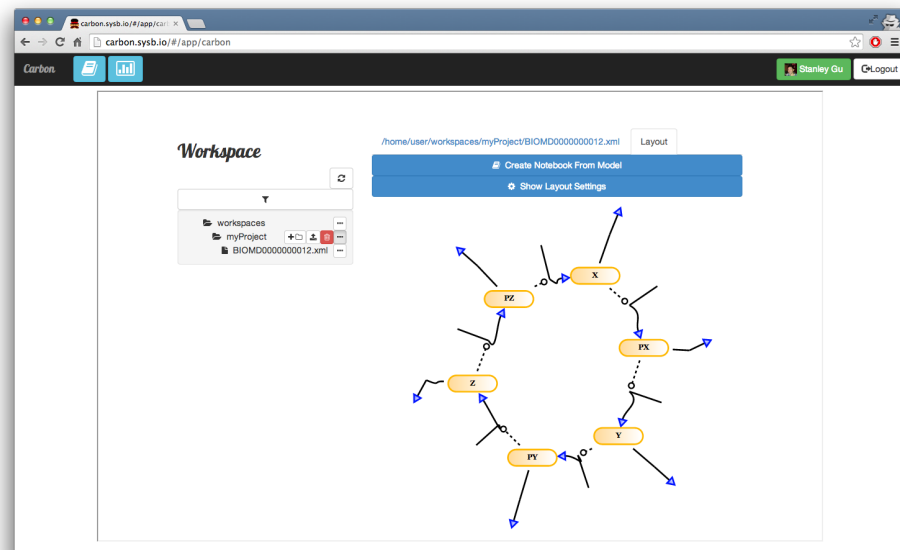
Upload a file to /home/user/workspaces/myProject

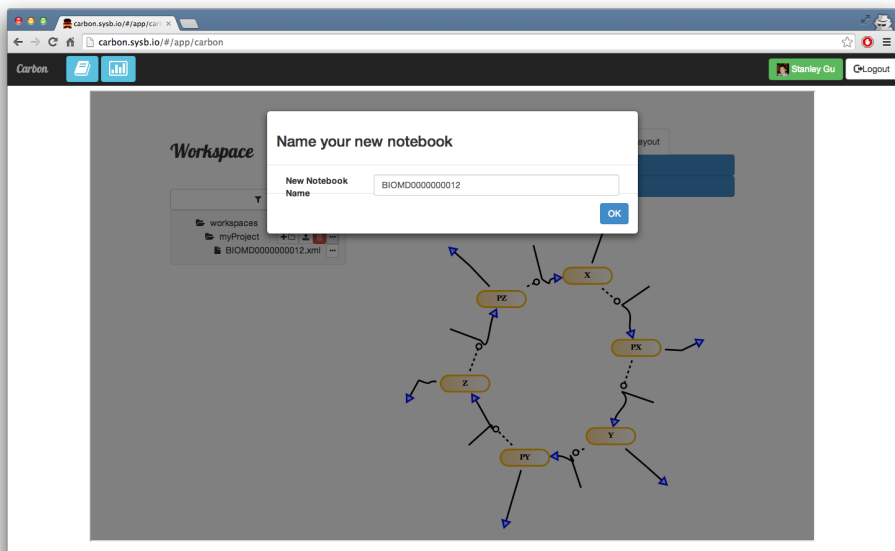
File Name:

Upload File Copy and Paste

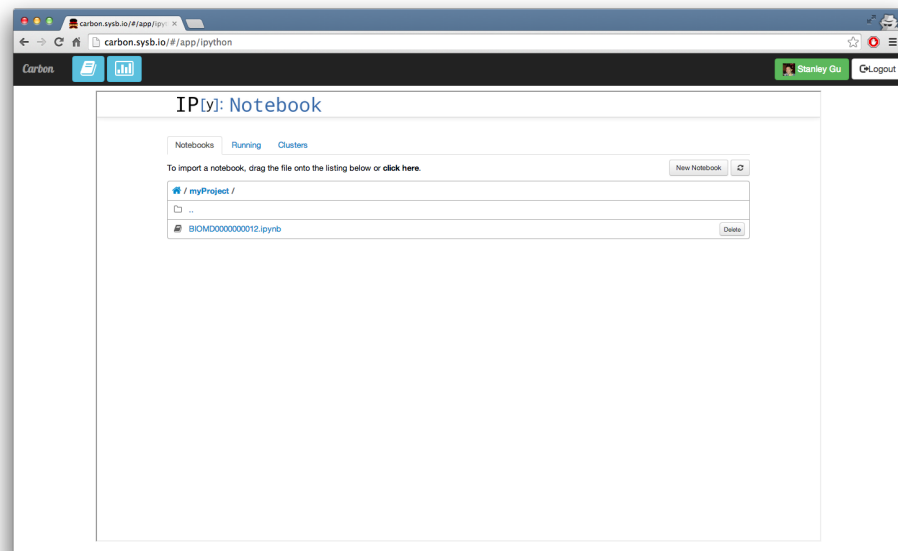
```
1 <?xml version="1.0" encoding="UTF-8" standalone="no"?>
2 <sbml xmlns="http://www.sbml.org/sbml/level2/version3" level="2" metaid
3  ="_153818" version="3">
4   <model id="repressilator" name="Elowitz2000_Repressilator" metaid
5    ="_000001">
6     <notes>
7       <body xmlns="http://www.w3.org/1999/xhtml">
8         <div>
9           <div>
10            <div>
11              <div>
12                <div>
13                  <div>
14                    <div>
15                      <div>
16                        <div>
17                          <div>
18                            <div>
19                              <div>
20                                <div>
```

(A)

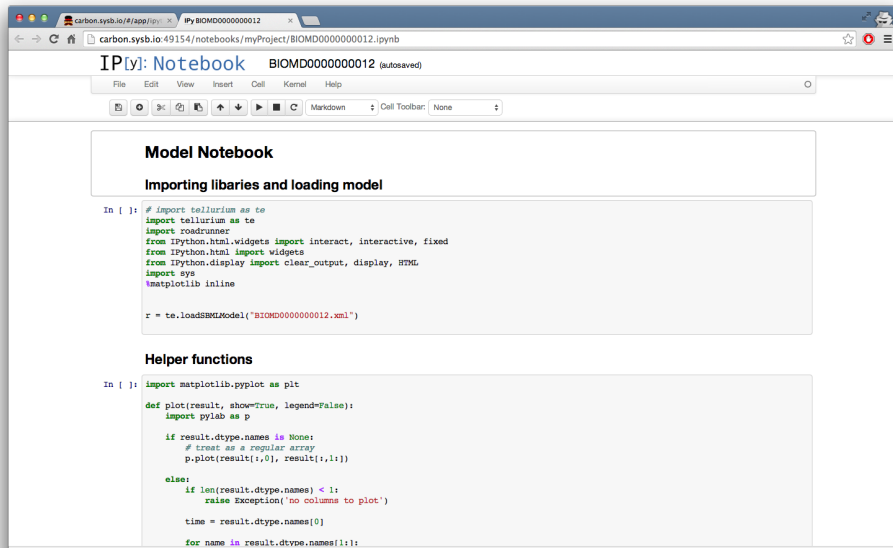




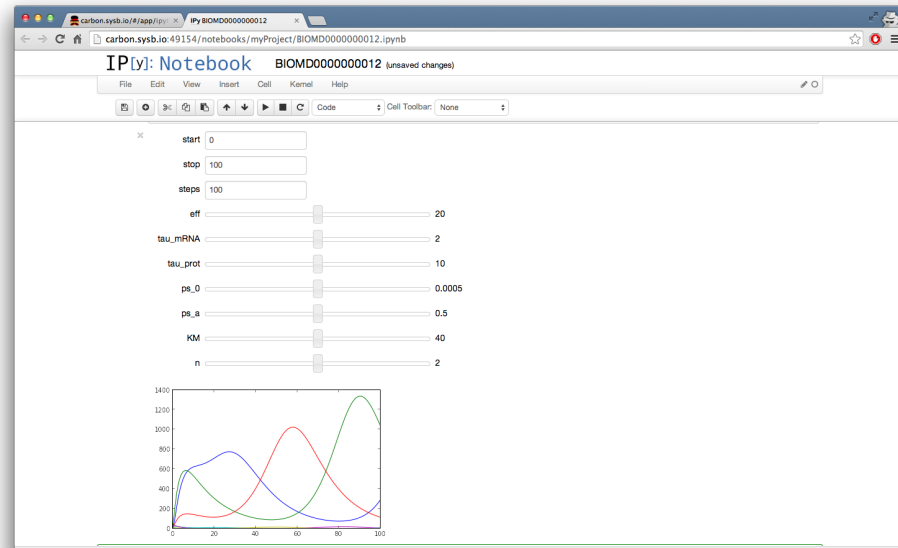
(A)



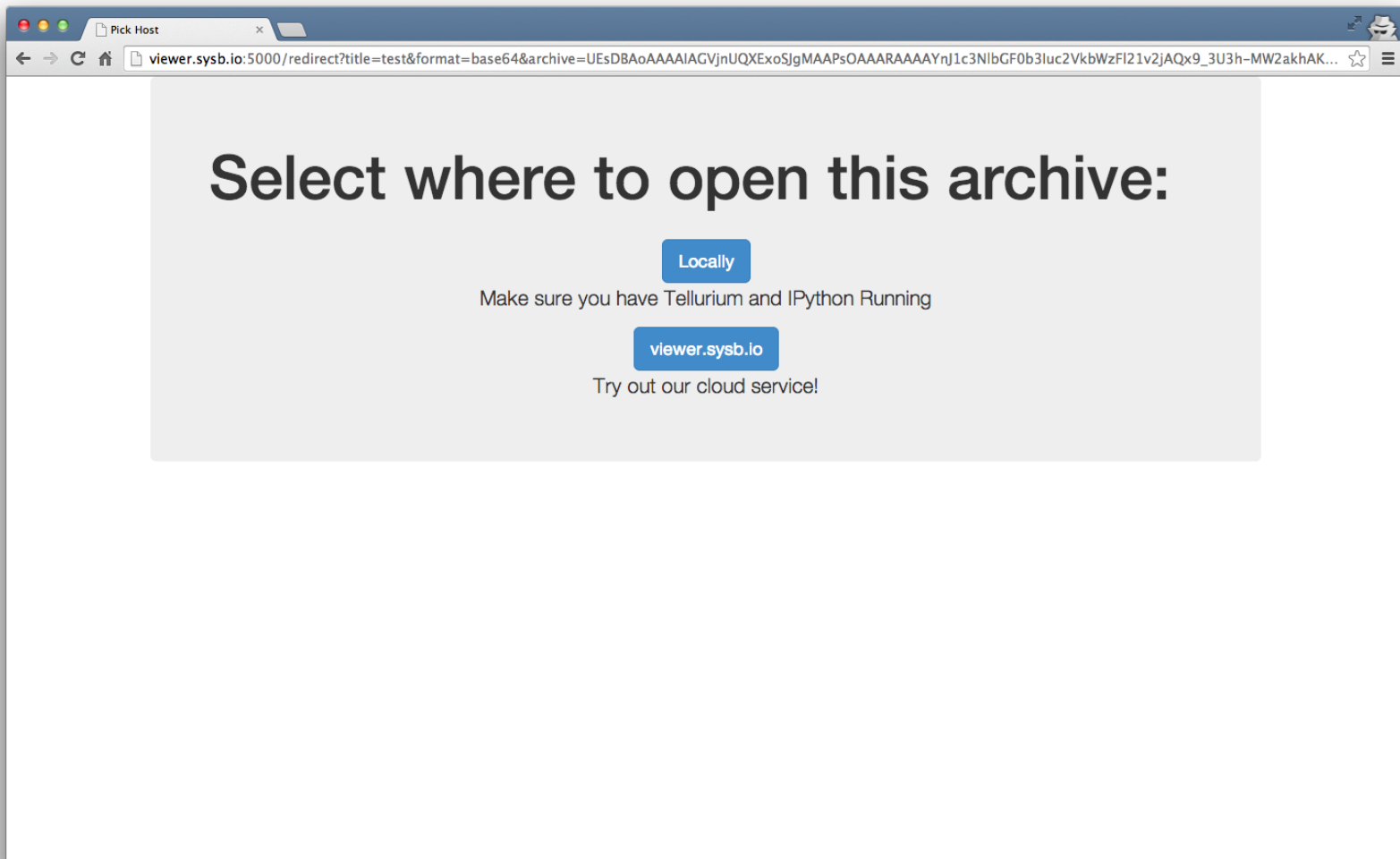
(B)

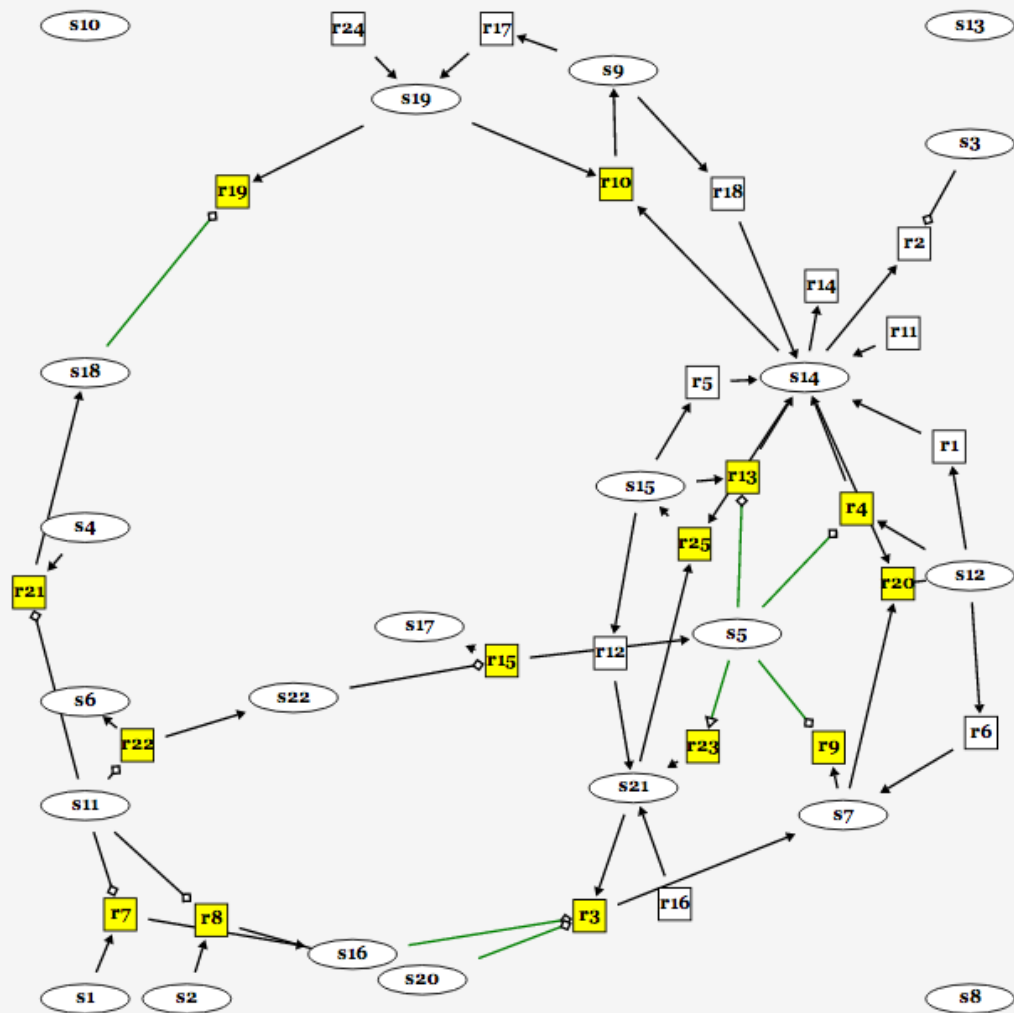


(A)



(B)



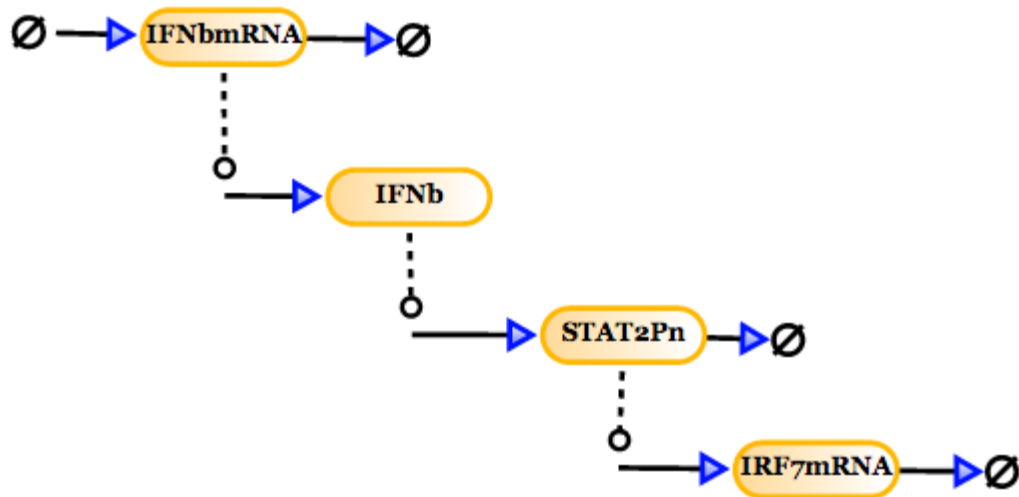


$$\frac{dx}{dt} = r_1 e^{-b_1 t} - k_1 x(t)$$

$$\frac{dy}{dt} = r_2 \frac{x(t)}{K_2 + x(t)}$$


$$\frac{dz}{dt} = r_3 \frac{y(t)}{K_3 + y(t)} - k_3 z(t)$$

$$\frac{ds}{dt} = r_4 e^{-b_4 t} z(t) - k_4 s(t)$$



TiDAL (Time-Dependent Activity Linker) V.1.0.1

Take the tour



TiDAL (Time-Dependent Activity Linker) V.1.0.1

TiDAL generates a transcription factor regulatory network from time-series gene expression data. TiDAL identifies transcription factors active at each time-point, and infers and visualizes the underlying temporal regulatory cascade. [\[more...\]](#)

Powered by *InSilico DB*, this tool can directly load for analysis more than 2K high quality curated datasets from the public domain. Disclaimer: while this web tool supports DE gene analysis of any qualifying microarray datasets, the TF enrichment is currently limited to human datasets.

1. Time-series gene expression data for analysis: [?] [\[Load sample\]](#)

↑ Load data ↑

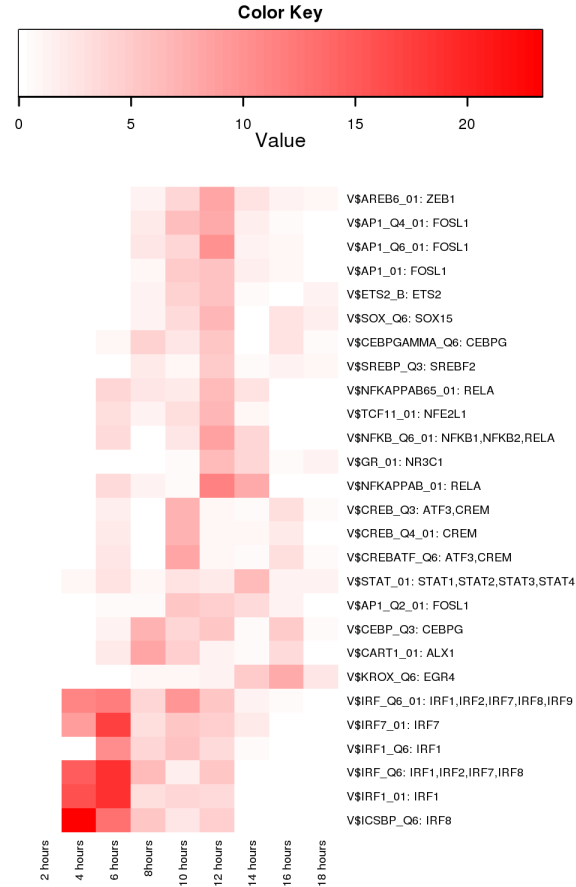
2. Regulatory region definitions [?] Human (hg19) 2kb around TSS, conserved with mouse (mm9) ▾

3. Maximum number of regulators for each gene [?] all ▾

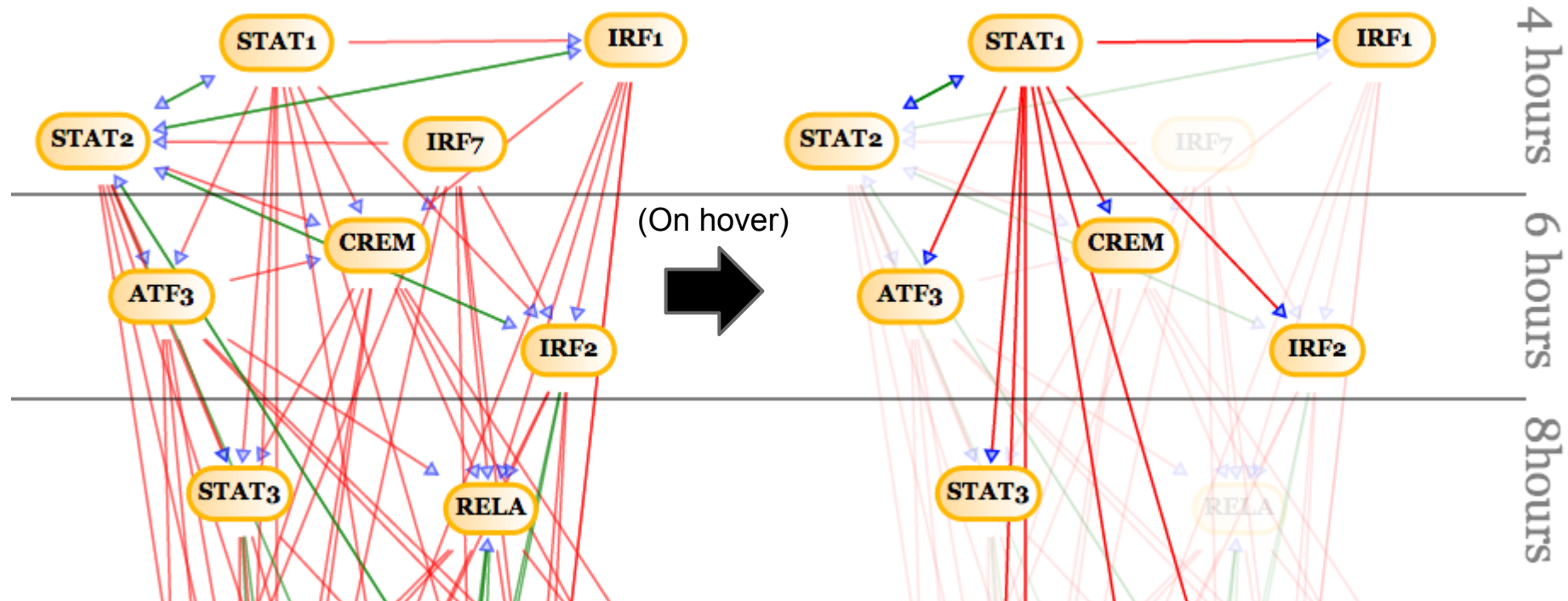
4. False Discovery Rate (FDR) [?] 0.05

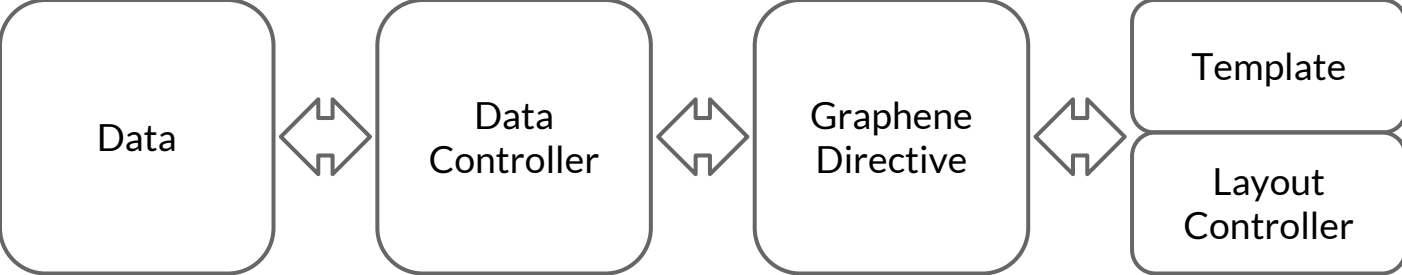
Generate network Reset form

Encountered a problem or have a suggestion? [Contact us](#)



		2 hours	4 hours	6 hours	8hours	10 hours	12 hours	14 hours	16 hours	18 hours
V\$AP1_01	FOSL1	1	9.43e-01	7.13e-01	4.16e-01	7e-03	4.18e-03	2.16e-01	4.18e-01	8.41e-01
V\$AP1_Q2_01	FOSL1	1	1e+00	6.41e-01	5.5e-01	5.42e-03	1.08e-02	3.05e-02	3.05e-01	1e+00
V\$AP1_Q4_01	FOSL1	1	8.78e-01	8.41e-01	1.25e-01	2.46e-03	4.17e-04	2.21e-01	5.2e-01	8.37e-01
V\$AP1_Q6_01	FOSL1	1	9.57e-01	7.07e-01	8.4e-02	1.89e-02	5.15e-05	2.95e-01	4.52e-01	9.68e-01
V\$AREB6_01	ZEB1	1	9.56e-01	9.85e-01	2.49e-01	1.92e-02	2.67e-04	5.6e-02	2.98e-01	3.56e-01
V\$CART1_01	ALX1	1	9.94e-01	1.46e-01	2.32e-04	9.11e-03	2.81e-01	6.12e-01	2.71e-02	9.75e-01
V\$CEBP_Q3	CEBPG	1	9.97e-01	2.53e-01	9.28e-04	2.31e-02	5.88e-03	5.69e-01	7.01e-03	5.24e-01
V\$CEBPGAMMA_Q6	CEBPG	1	9.92e-01	4.07e-01	1.54e-02	1.1e-01	6.01e-03	7.61e-01	6.15e-02	6.75e-01
V\$CREB_Q3	ATF3,CREM	1	1e+00	1.79e-01	8.72e-01	7.1e-04	4.69e-01	6.44e-01	4.43e-02	6.57e-01
V\$CREB_Q4_01	CREM	1	1e+00	1.34e-01	8.59e-01	9.27e-04	4.36e-01	4.49e-01	1.19e-01	7.77e-01





Window

History

Location

Document

Link

Anchor

Div

Div

Form

Window

History

Location

Document

Link

Anchor

myWidget

Div

Form

