

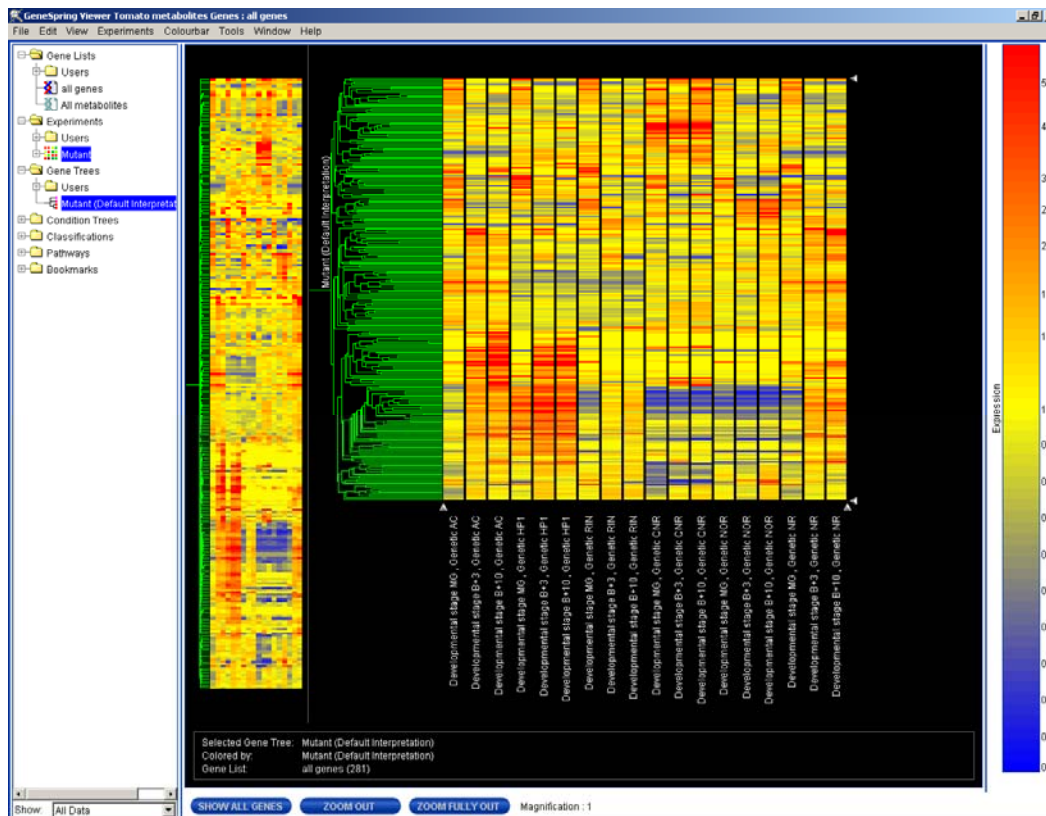


## Viewing tomato metabolite data in Genespring workgroup

Data can be viewed using the web viewer or Genespring viewer. The Genespring viewer is the recommended way of accessing the data, as this is more flexible and has more functionality. This can be downloaded from <http://genespring.arabidopsis.info>. Full instructions on using the Genespring viewer and the web viewer can be found at <http://affy.arabidopsis.info/workgroup.html>.

### Viewing gene tree

### Genespring viewer

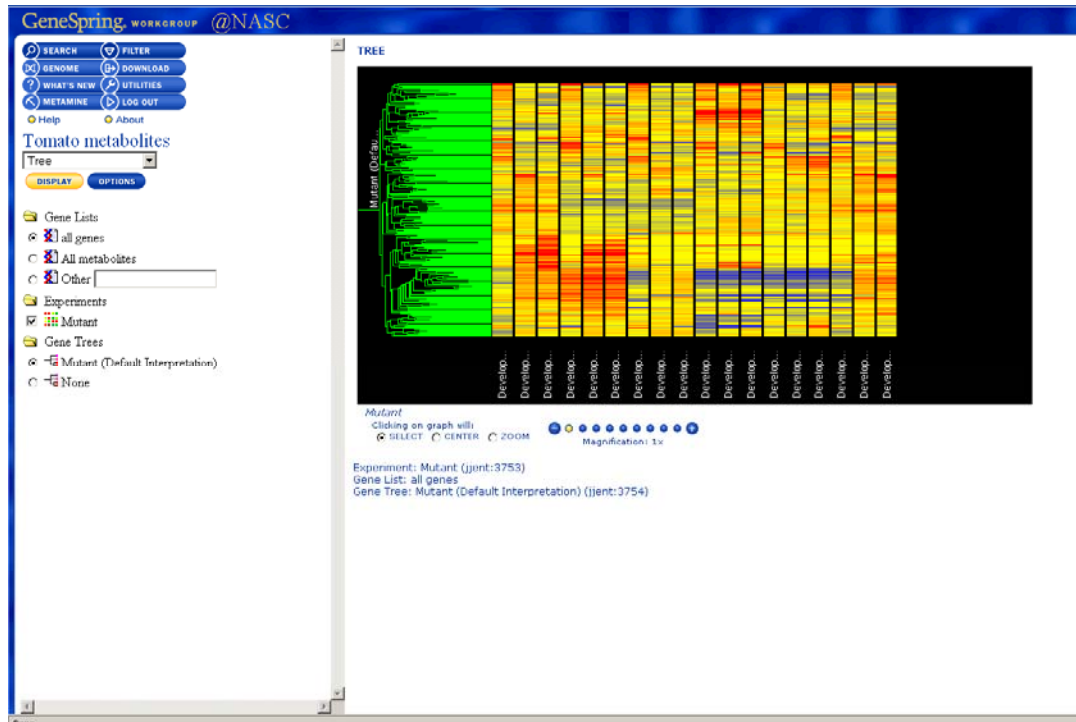


To view the gene tree:

- Select “Mutant” from the “Experiments” folder
- Select “Mutant” from the “Gene Trees” folder
- Can change the view by clicking “View” on the top toolbar
- To **zoom in** on the tree, hold down left mouse button and drag over area to zoom in

- To select a cluster, left click on a branch point, then right click and select “Make List from Select genes” to create a list of those metabolites

## Web viewer



- Select list from “Gene list” folder
- Select “Mutant” from experiments folder
- Select “Mutant” from Gene trees folder
- Choose tree from drop down menu and click display

## Finding data for a particular metabolite

### Genespring viewer

- Click edit > advanced find genes
- Search by metabolite name or ID number (can be found in raw data excel file)
- Select the metabolite of interest by clicking on it
- Choose “Select” to highlight the gene in the main view
- Choose “Inspect” to view detailed information including signal values
- Choose “Make gene list” to make a gene list of selected metabolites
- The main view can be changed by choosing “view” and selecting the view wanted

### Web viewer

- Select “mutant” experiment from experiments folder and gene list from gene list folder
- Select “Annotated Data” from drop-down menu and select display
- Click “OPTIONS” button to select data to view
- Select metabolite of interest from list (metabolites in ID number order)

## **Downloading data**

### **Genespring viewer**

- Select gene list of interest
- Click edit > copy > copy annotated gene list
- Select data and annotations required
- Either copy to clipboard or save as .txt file

### **Web viewer**

- Select "Data Inspector" from drop-down menu
- Select sample to download - this will take you to the sample page
- Select mutantdata.txt link to download the data