

# Blank GML Generator (Input files)



This Gadget generates blank gml file from a list of metabolites and that of associations between the metabolites. A blank gml file from this gadget will be used as input for “Multiomics Data Mapper” gadget.

	Input Files	Output Files
(1)	<b>compound list</b> compounds_list.txt	
(2)	<b>metabolic network</b> metabolic_network.txt	

Double click a rows to load files

File is displayed here

Click the “Launch” bottom to make blank gml file after data upload

```
perl blank_gml_generator.pl compounds_list.txt metabolic_network.txt
```

Launch

The gadget require two input files;

**(1) a table for metabolites** (e.g., compounds\_list.txt)

**(2) network composed of links between two metabolites** (e.g., metabolic\_network.txt)

**Sample File:**

Sample file to test is available under **Samples > BlankGML**

# Blank GML Generator (Output files)

1. Select whether you want to send the entire **File** or some **Data** to other gadgets
2. Click **Discover** to send data to other gadgets

The screenshot shows the 'Blank GML Generator' application window. It has two tabs: 'Input Files' and 'Output Files'. The 'Output Files' tab is active, showing a list of files including 'blank.gml'. Below the list is a text area containing GML code. At the bottom, there is a command line with the text 'perl blank\_gml\_generator.pl compounds\_list.txt metabolic\_network.txt' and a 'Launch' button.

```
graph [  
  axis_color "#c0c0c0"  
  chart_color_line_names "1: Species 1/Genotype #1;2: Species 2/Genotype #2;3: Species 1/Genotype #1;4: Species 2/Genotype #1"  
  chart_colors "0,0,0,255;0,0,0,255;192,192,192,255;0,0,0,255;0,0,0,255;64,64,64,255;0,0,0,255"  
  connectPriorItems "true"  
  foregroundcolor "#ffffff"  
  linecolor "#c0c0c0"  
  linewidth 1.0  
  primaryBackgroundColorA "#e1ffff"  
  primaryBackgroundColorB "#000000"  
  primaryBackgroundColorC "#ffffe1"  
  node_categoryBackgroundColorIndexA -1  
  node_categoryBackgroundColorIndexC -1  
  node_chartShapeSize 6.0  
  node_chartStdDevLineWidth 4.0  
  node_chartStdDevTopWidth 10.0  
  node_gridWidth 0.5  
  node_halfErrorBar "false"  
  node_lineChartFillTimeGaps "true"  
  node_lineChartShowLines "true"  
  node_lineChartShowShapes "true"  
  node_lineChartShowStdDev "false"  
  node_lineChartShowStdDevRangeLine "true"  
  node_outlineBorderWidth 4.0  
  node_plotAxisFontSize 30  
  node_plotAxisRotation 0.0
```

perl blank\_gml\_generator.pl compounds\_list.txt metabolic\_network.txt

Launch

Double click a row to download files

## Results Panel

Resultant merged gml is shown in the result panel