

File input:

Browse...

No file selected

EntrezID/miRBaseID

ENS000000234741

↑

↓

You should input at least 50 unique elements, now totally input 419 elements

<

>

Biological Elements

☐ KEGG

☒ Reactome

☐ Wikipathway

☐ LncRNA

☐ CircRNA

Empirical Pvalue

☐ Yes (tips: this could take for several hours)

☒ No

Begin

Click here

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Begin

Click here

Diagram illustrating the flow of information:

- Prioritization Results** (represented by a blue box) leads to **Prioritization Output** (represented by a green box).
- Prioritization Output** leads to the instruction: **Here you can download the results** (represented by a red box).

Below the diagram, a grey box contains the text: **Prioritization is prepared to begin, please click the "Begin Prioriting"**

Diagram illustrating the flow of information:

- Prioritization Results** (represented by a blue box) leads to **Prioritization Output** (represented by a green box).
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Below the diagram, a grey box contains the text: **Prioritization is prepared to begin, please click the "Begin Prioriting"**

Module 2: Exploring the mutual regulation of input elements

File input:

Browse...

No file selected

Element ID

ENSG00000234741

now totally input 419 elements.....

Regulation Type

lncRNA-miRNA-mRNA-pathway

Extraction Range

☒ All associated regulation in storage

☐ Internal regulation between input elements

Inspect

File input:

Browse...

No file selected

Element ID

ENSG00000234741

now totally input 419 elements.....

Regulation Type

lncRNA-miRNA-mRNA-pathway

Extraction Range

☒ All associated regulation in storage

☐ Internal regulation between input elements

Inspect

File input:

Browse...

No file selected

Element ID

ENSG00000234741

now totally input 419 elements.....

Regulation Type

lncRNA-miRNA-mRNA-pathway

Extraction Range

☒ All associated regulation in storage

☐ Internal regulation between input elements

Inspect

File input:

Browse...

No file selected

Element ID

ENSG00000234741

now totally input 419 elements.....

Regulation Type

lncRNA-miRNA-mRNA-pathway

Extraction Range

☒ All associated regulation in storage

☐ Internal regulation between input elements

Inspect

File input:

Browse...

No file selected

Element ID

ENSG00000234741

now totally input 419 elements.....

Regulation Type

lncRNA-miRNA-mRNA-pathway

Extraction Range

☒ All associated regulation in storage

☐ Internal regulation between input elements

Inspect

Module 3: Inspecting the mutual regulation in the local area of heterogeneous network

The screenshot shows the 'Node Degree' slider set to 100. Below it, the 'Network Layout' section has two options: 'Circle' (unselected) and 'Nicely' (selected). The 'Filter by element ID' input field is empty. A red dashed box highlights the 'Node Degree' slider and the 'Network Layout' options. A red dashed box highlights the 'Filter by element ID' input field. A red dashed box highlights the 'Filter' button and the 'C' button.

The screenshot shows the 'Node Degree' slider set to 100. Below it, the 'Network Layout' section has two options: 'Circle' (unselected) and 'Nicely' (selected). The 'Filter by element ID' input field is empty. A red dashed box highlights the 'Node Degree' slider and the 'Network Layout' options. A red dashed box highlights the 'Filter by element ID' input field. A red dashed box highlights the 'Filter' button and the 'C' button.

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The screenshot shows the 'Node Degree' slider set to 100. Below it, the 'Network Layout' section has two options: 'Circle' (unselected) and 'Nicely' (selected). The 'Filter by element ID' input field is empty. A red dashed box highlights the 'Node Degree' slider and the 'Network Layout' options. A red dashed box highlights the 'Filter by element ID' input field. A red dashed box highlights the 'Filter' button and the 'C' button.

Statistics plot

Statistics Network

Network visualization

Select by id

Select by group

Edit

here to begin.

Module 4: eQTLs exploration

The screenshot shows the 'Node Degree' slider set to 20, with a range from 0 to 200. Below it, the 'Network Layout' section has two radio buttons: 'Circle' (selected) and 'Nicely'. At the bottom, there is a 'Filter by element ID' text box and a red 'Filter' button.

The screenshot shows the 'Node Degree' slider set to 20, with a range from 0 to 200. Below it, the 'Network Layout' section has two radio buttons: 'Circle' (selected) and 'Nicely'. At the bottom, there is a 'Filter by element ID' text box and a red 'Filter' button.

The screenshot shows the 'Node Degree' slider set to 20, with a range from 0 to 200. Below it, the 'Network Layout' section has two radio buttons: 'Circle' (selected) and 'Nicely'. At the bottom, there is a 'Filter by element ID' text box and a red 'Filter' button.

The screenshot shows the 'Node Degree' slider set to 20, with a range from 0 to 200. Below it, the 'Network Layout' section has two radio buttons: 'Circle' (selected) and 'Nicely'. At the bottom, there is a 'Filter by element ID' text box and a red 'Filter' button.

Statistics | Network

Network visualization

Count

trans-eQTLs
cis-eQTLs

Count

trans-eQTLs
cis-eQTLs

Regulation

Statistics | Network

Network visualization

Count

trans-eQTLs
cis-eQTLs

Count

trans-eQTLs
cis-eQTLs

Regulation

Module 5: Regulatory mutation exploration

Filter by a group of element IDs

4193
hsa04919

Filter

Filter by a group of element IDs

4193
hsa04919

Filter

Network visualization showing a central node (4193) connected to several peripheral nodes. The nodes are color-coded: blue (15q15.1), red (ENS000000247556), pink (MIMAT00000061), green (hsa04919), and purple (rs139450039, rs748597163, rs996581527, rs1215396889, rs1225024063, rs985619129, rs775833695). The connections are colored lines: red (15q15.1 to ENS000000247556), pink (ENS000000247556 to MIMAT00000061), and orange (MIMAT00000061 to the purple nodes).

Network visualization showing a central node (4193) connected to several peripheral nodes. The nodes are color-coded: blue (15q15.1), red (ENS000000247556), pink (MIMAT00000061), green (hsa04919), and purple (rs139450039, rs748597163, rs996581527, rs1215396889, rs1225024063, rs985619129, rs775833695). The connections are colored lines: red (15q15.1 to ENS000000247556), pink (ENS000000247556 to MIMAT00000061), and orange (MIMAT00000061 to the purple nodes).