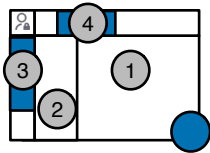





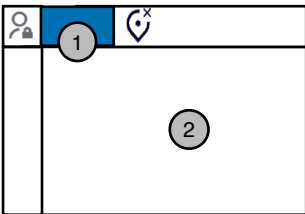




## POINT AND CLICK

Annotations for elements and reactions - Map Navigation	Overview of active functionalities
 <ol style="list-style-type: none"> <li>Left click on an <b>element</b> or <b>reaction</b></li> <li><b>Annotation</b> is displayed in the left panel</li> </ol> <p>  <b>Center</b> icon to go to the center of map                <b>Zoom</b> in and out         </p>	<ol style="list-style-type: none"> <li>Buttons on the <b>left sidebar</b> are: Project info, API Doc, Plugins, Export, Legend</li> <li>On the <b>top sidebar</b>: Submaps, Overlays</li> </ol>

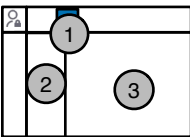

## BACKGROUND

	<table border="1"> <tr><td>Background</td></tr> <tr><td>Semantic</td></tr> <tr><td>Network</td></tr> <tr><td>Empty</td></tr> </table> <ul style="list-style-type: none"> <li>- <b>'Semantic'</b> is the default background which has the semantic zoom feature</li> <li>- <b>'Network'</b> displays the structure of map as a colored network</li> <li>- <b>'Empty'</b> removes all coloring and masking. recommended for data overlays</li> </ul>	Background	Semantic	Network	Empty
Background					
Semantic					
Network					
Empty					

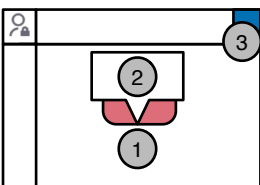
## SEARCH

Set the scope of the search	
	<ol style="list-style-type: none"> <li>Search for specific elements, interactions or targets Use semicolon (;) to search for <b>multiple terms</b>, each term has a separate tab  <b>Clear button</b> removes all search results from the map</li> <li>Search results are marked by pins with different colors for different types ( for Content,  for Drug,  Small molecule targets)</li> </ol> <p>Search for map elements, drug or small molecules / interactions, by their name or synonym. Selecting <b>'Perfect match'</b> makes 'Search' look for exact matches.</p> <p>Also search is possible: - <b>by reaction id</b>: put 'reaction:' before reaction id. e.g: 'reaction:re944' - <b>by element id</b>: using identifier of an element. e.g: 'hgnc:14581'</p> <p>Check out sources for <b>Drug</b>: <a href="http://drugbank.ca">drugbank.ca</a>, <a href="http://ebi.ac.uk/chembl/">ebi.ac.uk/chembl/</a> and <b>Chemical</b>: <a href="http://ctdbase.org">ctdbase.org</a></p>

## SUBMAPS

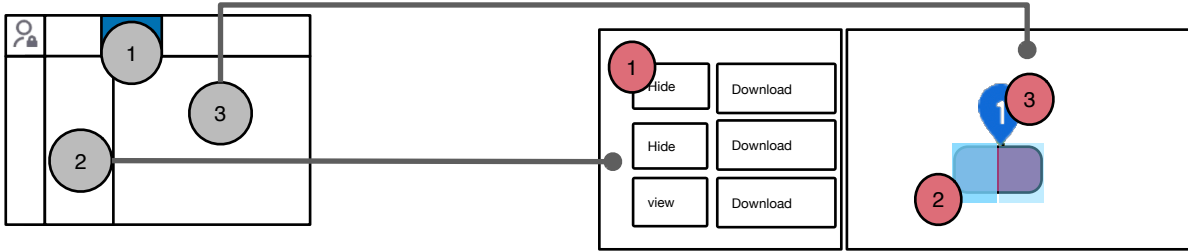
Access and use Submaps	
	<ol style="list-style-type: none"> <li>Press <b>Submaps</b> button</li> <li>In the list of shown submaps, click on the &gt; to load the submap.</li> <li>The submap will appear in a new tab (tabs are above submap's list)</li> </ol>
Search in Submaps	
<input type="text" value="Submap"/>	<ul style="list-style-type: none"> <li>- <b>Search</b> browses submap contents as well</li> <li>- Search results are then highlighted by: <b>Submap's name (number of pins in that submap)</b></li> </ul> <p>- Click on ▶ to open the submap and see pins</p>
Use 'anchor elements' to open Submaps	
Certain elements in the map and submaps, called <b>anchors</b> , are associated with a given submap	 <p>             Anchors are annotated as <b>'Associated Submap:'</b>              Click on 'Open submap' to display the submap           </p>

## COMMENT

Leave comment	Browse visible comments
	<ol style="list-style-type: none"> <li>Right click where you want to <b>comment</b></li> <li>Choose <b>'Add comment'</b> Fill out the form by entering your <b>email</b> and comment's <b>content</b></li> <li>Select <b>Show Comments</b> to display all comments Click on <b>pin icons</b> to display the comment details on the left panel</li> </ol>

## DATA OVERLAYS

Access and use General Overlays




- 1 Select 'Overlays' tab
- 2 From **General overlays**, select **View** to display an overlay. To get the overlay data, click on **Download**
- 3 Colored elements by overlay will show on the map

- 1 Multiple overlays can be shown
- 2 Elements are colored by multiple overlays
- 3 Left click on the **partially colored element** to view the normalized values assigned to colors in the sidebar

## LOGIN

User login

Click on  located at top left corner to log in:


Login:

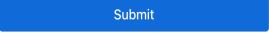
  

Password:

Enter the login and password provided to you by map admins.

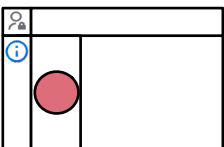
After logging in, you will be able to upload your data overlays.


 Sign in with Orcid


 Submit

Users also can log in using their **ORCID** account.

## PROJECT INFO



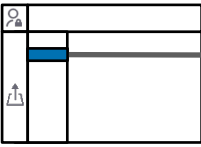
 Select 'Project info'


 Explore information about the map

**Available information**  
**Name, Version**  
**Data:**

- The list of **Publications** supporting the map. Search for articles by e.g. the author's surname, title or PubMed id.
- MINERVA general **Manual**
- **Disease** type
- **Licence**
- **Organism** type
- Original **Source file** is downloadable

## EXPORT



 Export menu is on the left sidebar

**Elements/Network export**

- Select **annotations** of elements and interactions
- Select **included/excluded compartment/pathways** filters the elements by compartments/pathways

**Graphics export**

- Choose the **submap** to be exported
- Set the **image size**
- Select the **image format** (PNG or SVG)

And press **Download**