Quick Start Guide

Last updated: December 13th, 2018

Overview

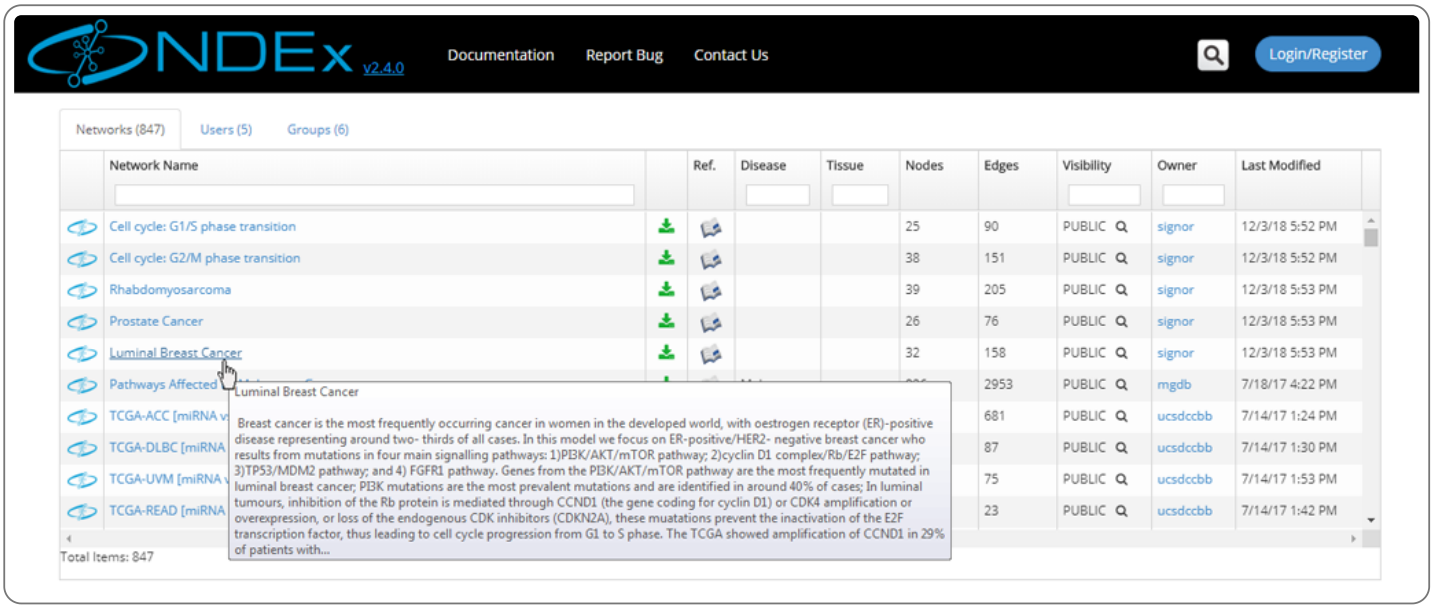
Welcome to the NDEx Documentation! This welcome page contains a short guide to get you started with NDEx. In addition, detailed manuals and other technical documentation can be accessed using the blue **Docs Navigation Bar** above: the menu is conveniently organized in "categories" and each category is a dropdown element that provides access to specific documents. In all those cases where documents are hosted externally, links are provided.

Please Contact Us (../contact-us/)if you find issues in the NDEx documentation or would like to suggest any improvements.

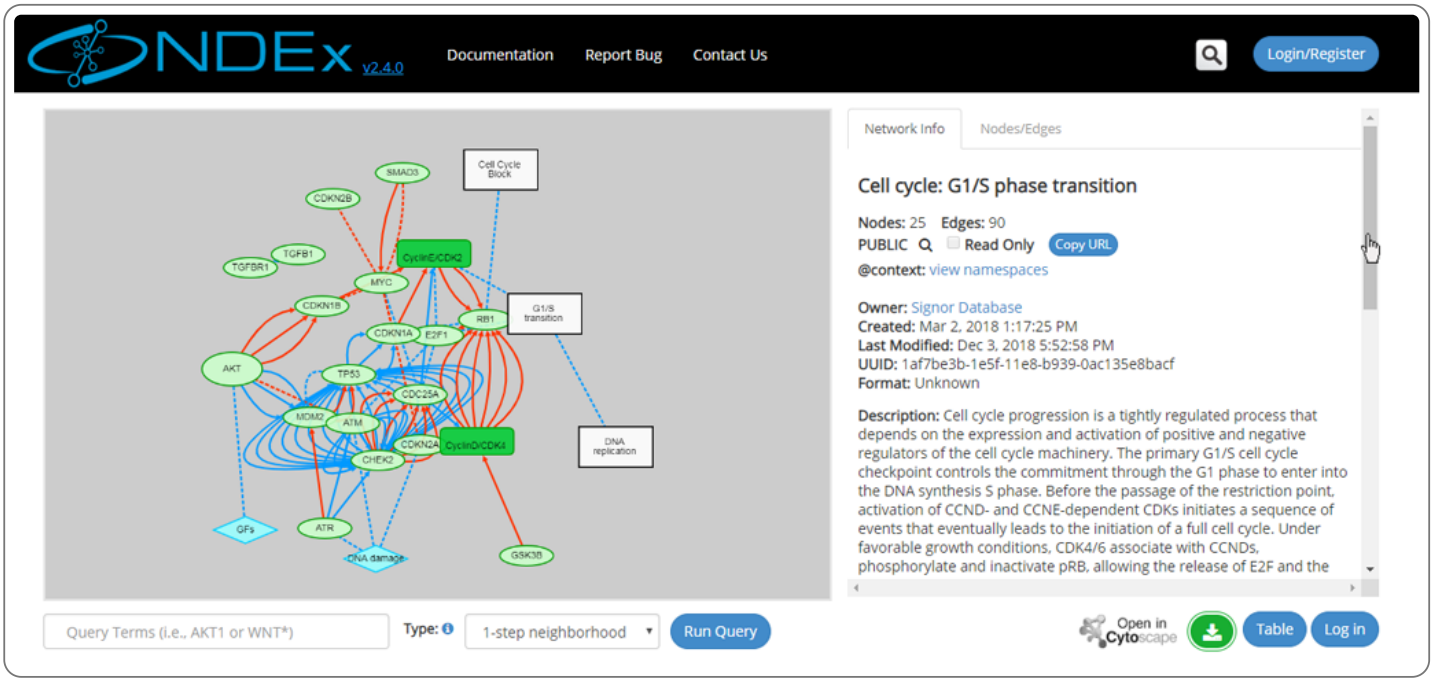
Searching for Networks, Users and Groups

The NDEx Public Server includes a large number of networks that are marked "PUBLIC" and therefore accessible without signing in to a user account. Public networks can be found, viewed, and queried anonymously using the search bar on the NDEx landing page (http://ndexbio.org).

- The NDEx Search function has been improved to search for networks, users and groups at the same time. For example, type **cell cycle** into the search box and click the magnifying glass or press enter:
- The search results page is displayed below and lists several public networks. Users and groups are shown in separate tabs. Hover on a network's name to display a pop up window with its description (when available).
- You can also explore the entire server content using the new "Browse" button.
- Finally, the "Search Examples" button has several examples of many different type of searches you can perform in NDEx and, most importantly, provides a direct link to our Advanced Search documentation.

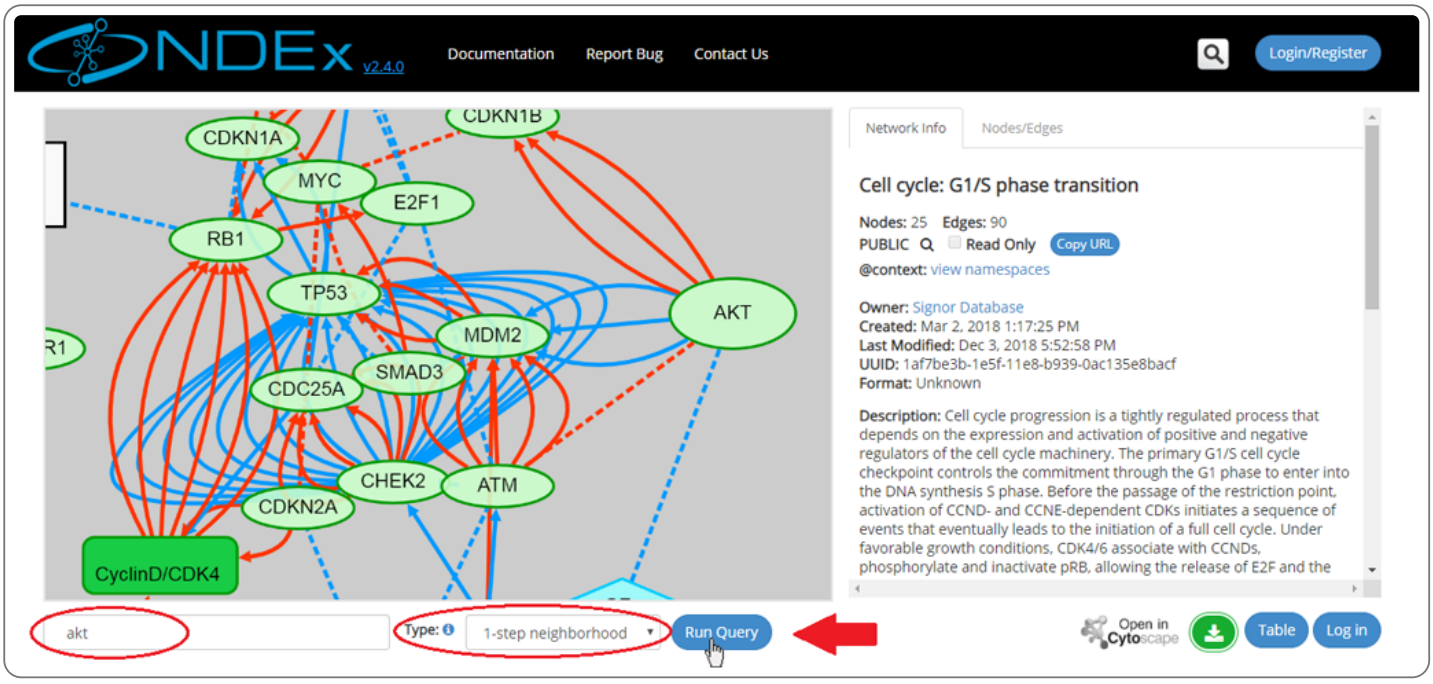


- Now, click on any public network to view it: let's choose "**Cell cycle: G1/S phase transition** "... In the network display page, information about the network is displayed in the info panel on the right.
- You can scroll down to view all information in this section, including the network description, reference info and various network properties (if any are available).
- You can always switch to a tabular view using the **Table** button in the bottom right part of the page. Once toggled, that same button allows you to go back to the graphic view.



Running a Query

- To run a query on this network, use the text box in the query controls indicated by the red arrow.
- You can enter one or more terms to query the network and choose from 4 different types of query.
- For example, type **akt**, select **1-step neighborhood** and click the **Run Query** button: the query will find a neighborhood around all nodes that reference the akt term.



- As shown in the image below, the query has retrieved a subnetwork, a small neighborhood consisting of "5 nodes" and "13 edges".
- Additional useful information (such as citations) can be obtained by selecting individual or multiple nodes and edges.