

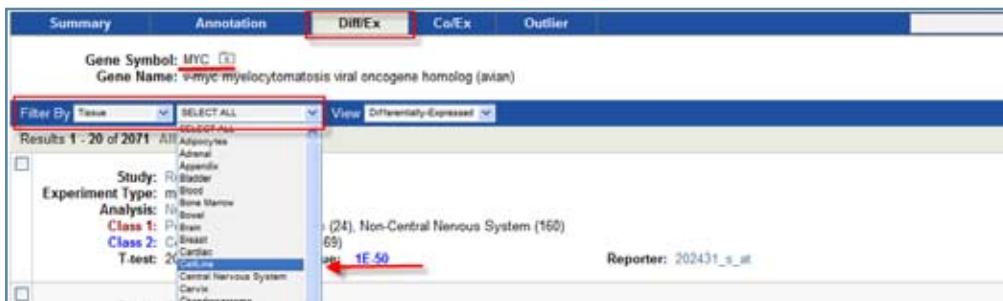
HOW TO FIND GENE EXPRESSION IN CELL LINES

In this OncoPrint data release, a high impact cell line panel recently made public and consisting of over 300 cell lines was added to our growing database of expression profiling data sets.

STEP 1) To determine how your favorite gene is expressed in this panel, conduct a Gene Search for the gene of interest.

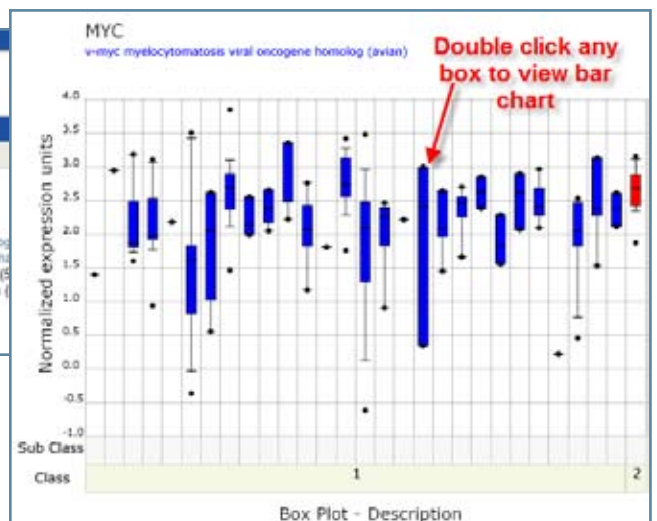
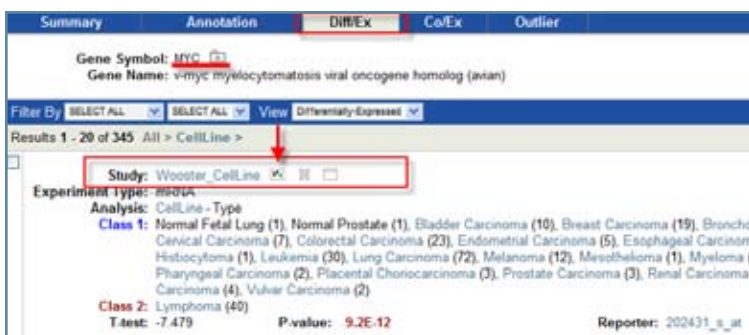
STEP 2) Select the official gene symbol and then choose the Diff/Ex tab in the main menu bar.

STEP 3) Once in Diff/Ex use the Filter By drop down menu to select Study Name and the second drop down menu to select Wooster_Cellline.



TIP:
By using the Filter By and Study Name drop down menus, you can locate cell lines that highly express your favorite gene in a particular tissue of origin for additional experimentation.

STEP 4) Select the box plot icon and then click on any box to reveal more than 300 individual samples. The mouseover feature allows you to determine the cell line names of those cell lines having high expression of your gene of interest.



In this example, MYC is highly expressed in two colorectal carcinoma cell lines.

