

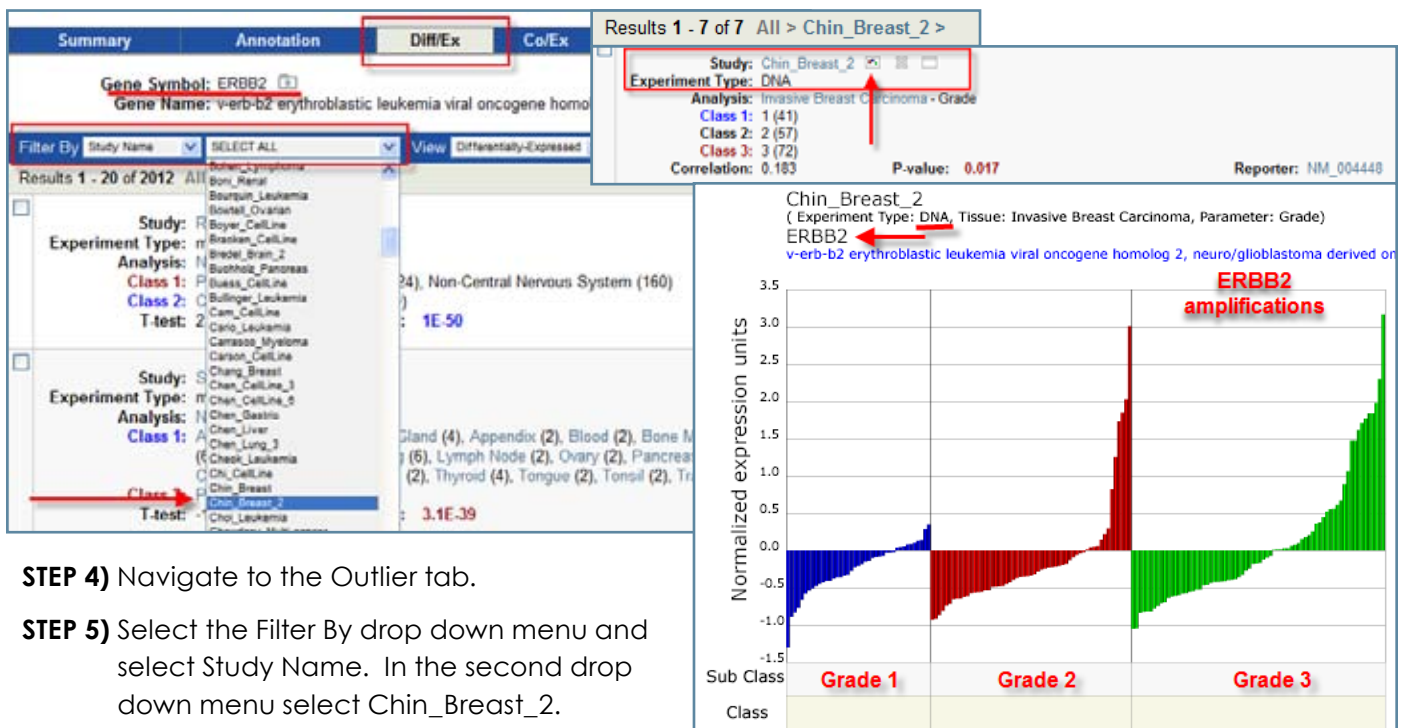
HOW TO FIND COPY NUMBER DATA IN CHIN_BREAST_2

In this OncoPrint data release, a valuable breast cancer study that includes aCGH profiles within cell lines and primary tumors was added.

STEP 1) To determine the copy number of your favorite gene in this breast dataset, conduct a Gene Search for your gene of interest.

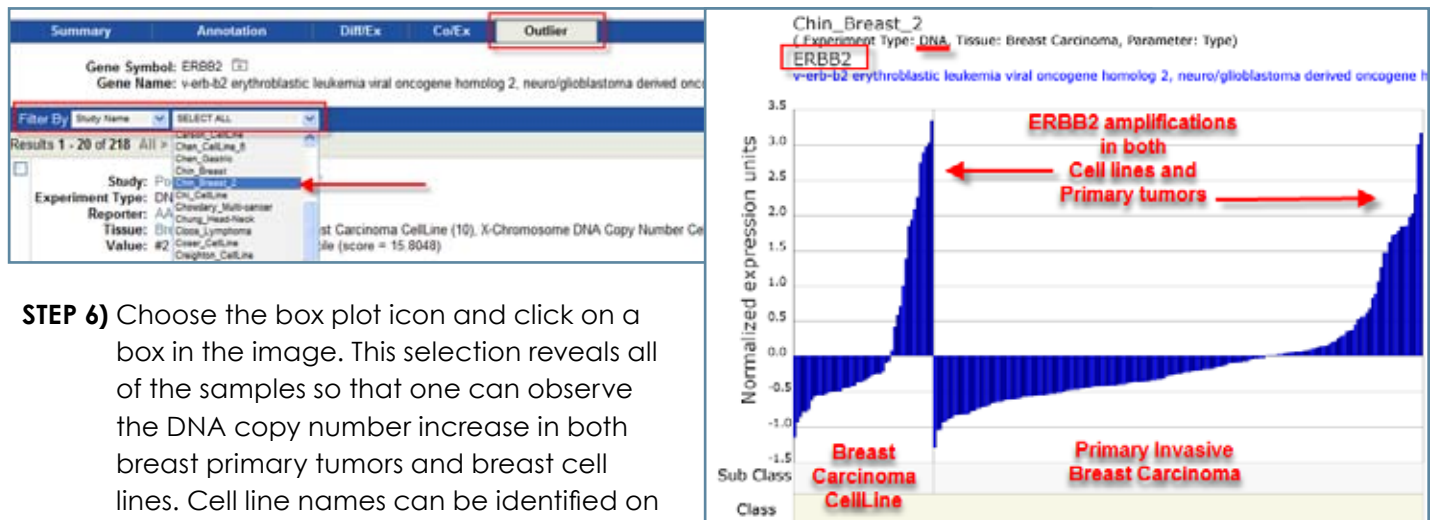
STEP 2) Select the official gene symbol and then choose the Diff/Ex tab in the main menu bar.

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 Chin_Breast_2. The first profile demonstrates the amplification of ERBB2 in higher grade breast carcinomas of primary tumors.



STEP 4) Navigate to the Outlier tab.

STEP 5) Select the Filter By drop down menu and select Study Name. In the second drop down menu select Chin_Breast_2.



STEP 6) Choose the box plot icon and click on a box in the image. This selection reveals all of the samples so that one can observe the DNA copy number increase in both breast primary tumors and breast cell lines. Cell line names can be identified on mouse over so that you can procure appropriate model lines to test using compounds in your own laboratory.