

Precision Medicine Browsers: cBio Portal

The cBioPortal is a curcial gateway to a huge storehouse of cancer genomics datasets:

- TCGA
- ICGC
- Large publications
- MSK-IMPACT (controlled)

<http://www.cbioportal.org/>

Guided questions:

User TCGA (provisional) data;

What cancer has the most (%-wise) EGFR alterations? Amplifications?

In what cancer is the P53 pathway most altered? Get Oncoprint
Least altered?

What genes are most significantly altered in Papillary Thyroid Cancer? (Hint MutSig) Get Oncoprint