

https://www.cbioportal.org/

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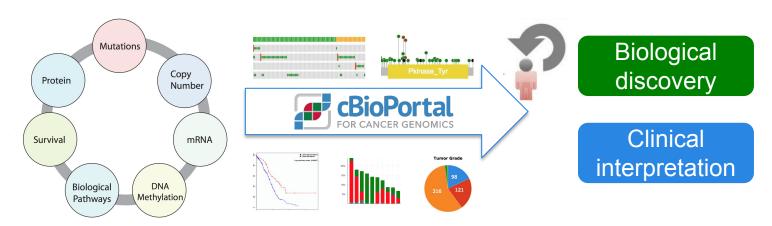






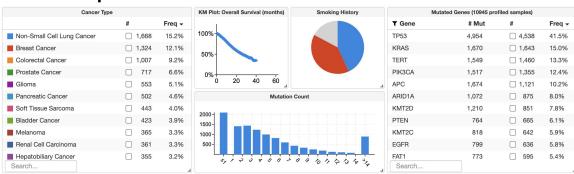
Goal of cBioPortal

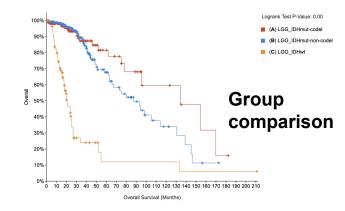
Make complex cancer genomic data **accessible** and **interpretable** for cancer biologists and clinicians



Cohort exploration

200





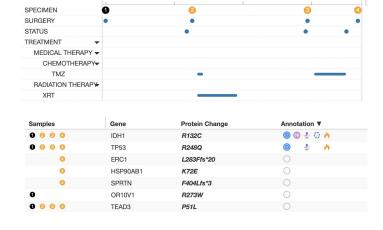
Gene-centric IDH1 77% EGFR 9% TP53 52% ATRX 43% CIC 23% Recep L. Furin-like Recep I. GF recep IV Pkinase Tyr

600

800

400

Patient visualization



cBioPortal has an awesome team 🤗





































































Say hi to us (Poster #39) 👋





Open source and open data





<u>Code is open</u> https://github.com/cBioPortal/ <u>Data is open</u> https://github.com/cBioPortal/datahub/

Free to download and install Modifications and contributions are welcome

Maintained by multiple institutions



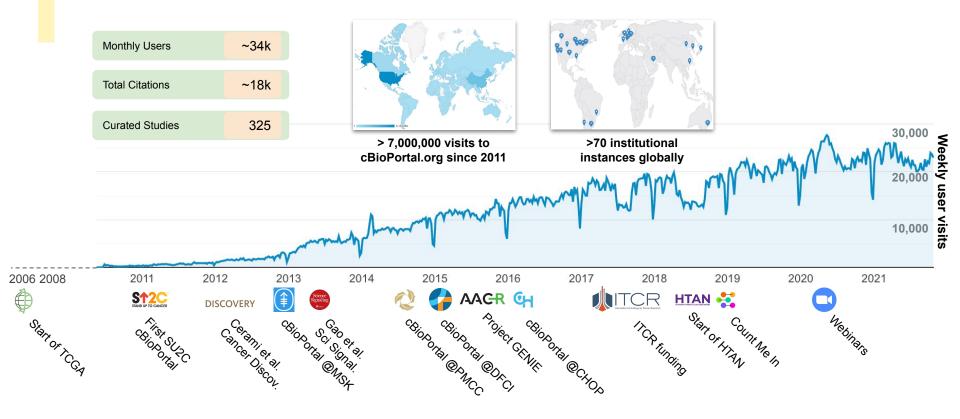








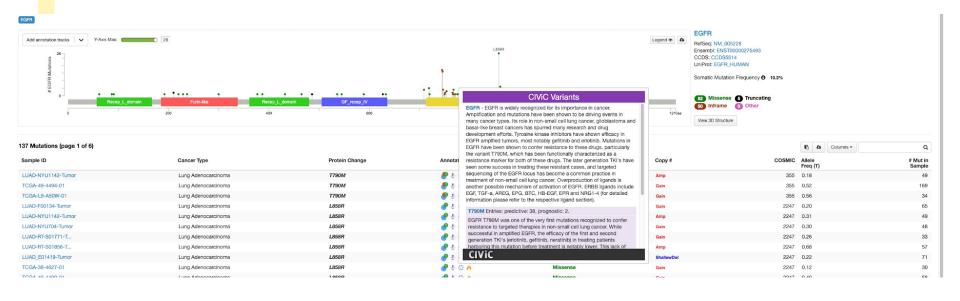
cBioPortal is used a lot



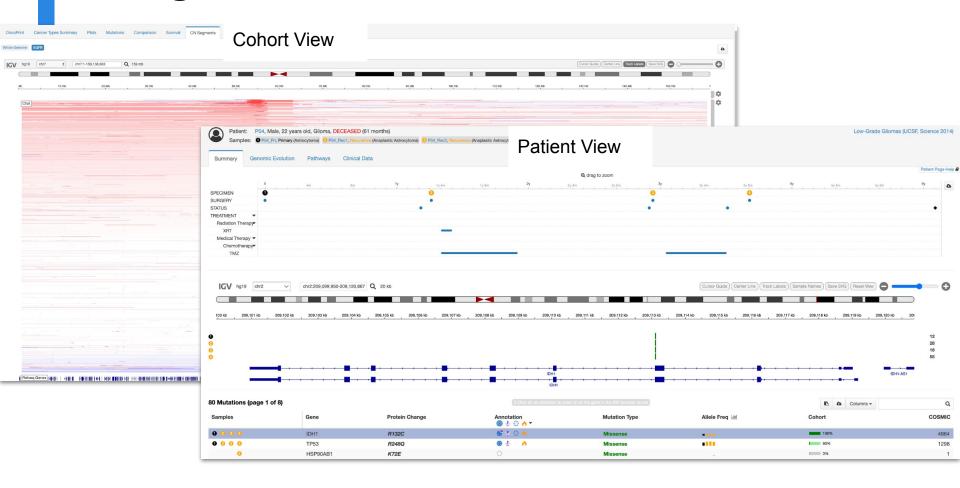
Integrations with



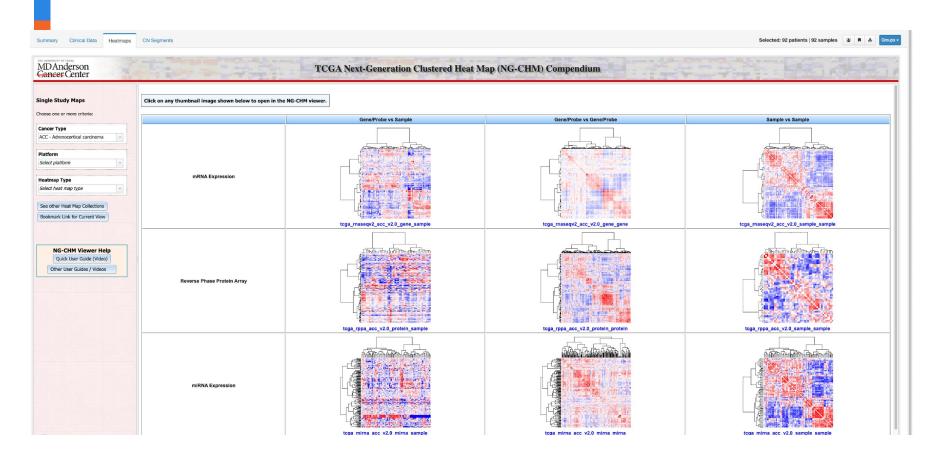
1. Clinical Interpretation of Variants In Cancer (CIViC)



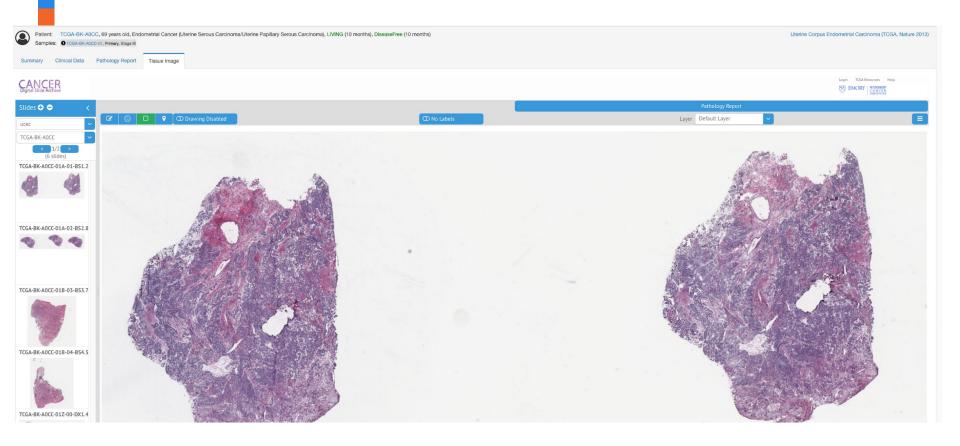
2. Integrative Genomics Viewer (IGV)



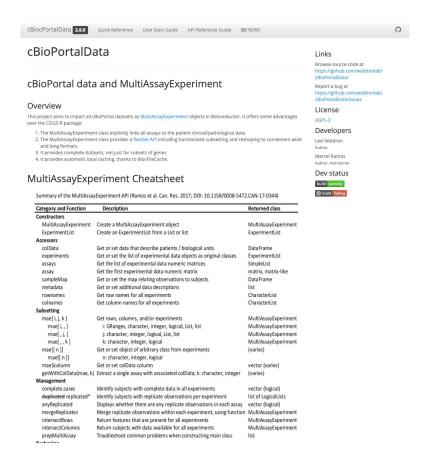
3. Next Generation Clustered Heat Map (NG-CHM)



4. Cancer Digital Slide Archive (CDSA)

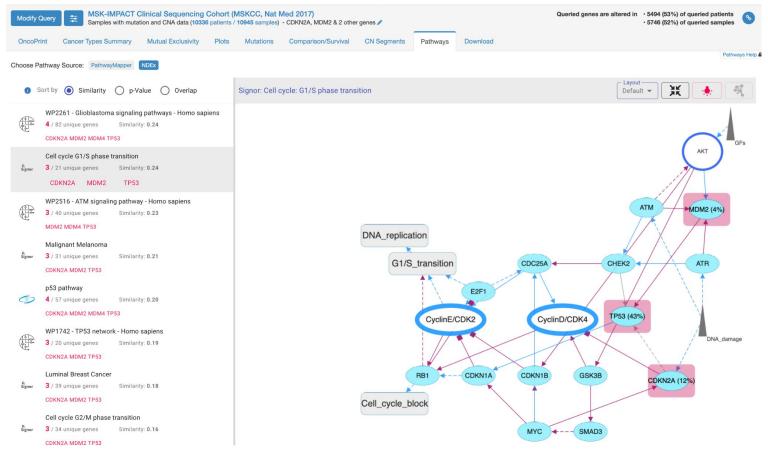


5. R Package cBioPortalData - Bioconductor



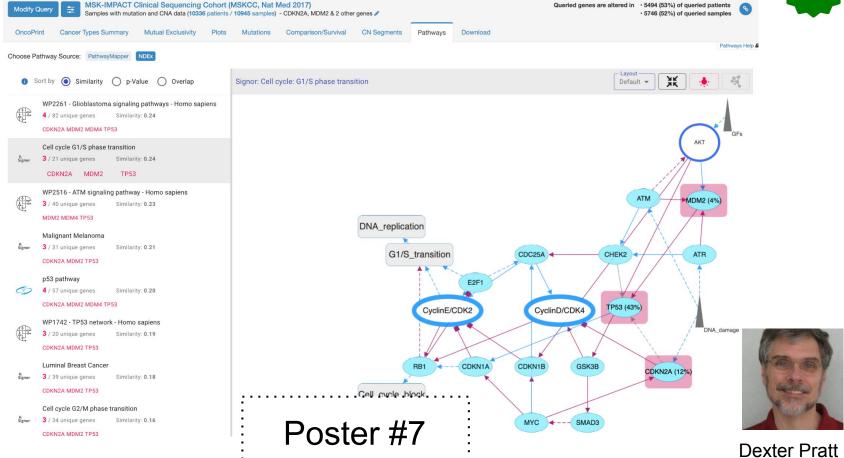
6. NDEx Pathway Analysis



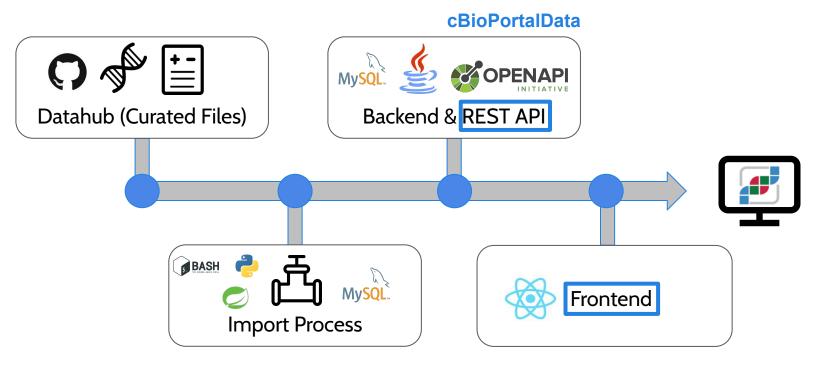


6. NDEx Pathway Analysis





Existing ITCR Collaborations

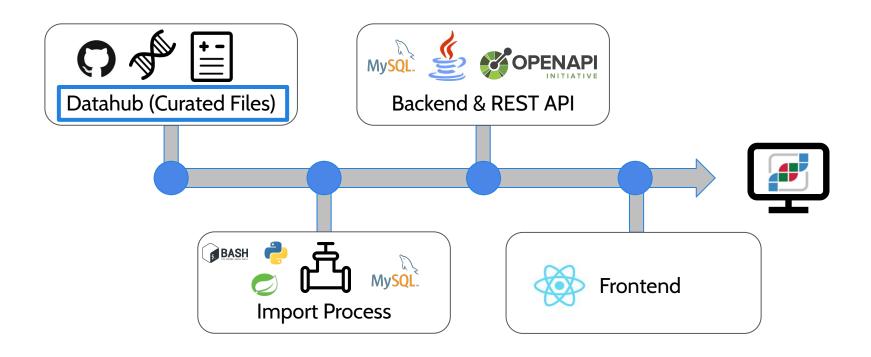


New tab (IFrame): CDSA, NG-CHM, NDEx

Frontend component: IGV

Annotations: CIViC's REST API

Potential ITCR Collaborations



Potential ITCR Collaborations

