The cBioPortal for Cancer Genomics: Overview

Explorative data analysis in cBioPortal

Existing & planned connections with ITCR partners

Cancer Genomics

The University of Texas MD Anderson Cancer Center

TCGA Histology Slides
Next-Generation HeatMaps
Network Analysis

R Package to Access Data
Annotation of Genomic Variants

Non-Commercial (36)
Commercial (4)

cBioPortal installations

cBioPortal statistics

<table>
<thead>
<tr>
<th>Year</th>
<th>Tumor Samples</th>
<th>Visitors Per Month</th>
<th>Citations</th>
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<tbody>
<tr>
<td>2010</td>
<td>~20K</td>
<td>~25K</td>
<td>1605</td>
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<td>2011</td>
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<td>2016</td>
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Unique users: [Graph showing an increase in unique users from 0 to 160,000 over the years 2010 to 2016]
Help requests and citations: [Bar graph showing the trend in help requests and citations from 2010 to 2016]
The cBioPortal for Cancer Genomics: ITCR Grant Aims

Aim 1. Evolve technology platform

Aim 2. New features

Aim 3. Open source community

Aim 4. Community outreach, user support

- Outreach coordinator
- User support via help desk
- Publish development roadmap
- Online tutorials
- Webinars