An Introduction to the ISB-CGC Web App SeqPeek

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The ISB Cancer Genomics Cloud

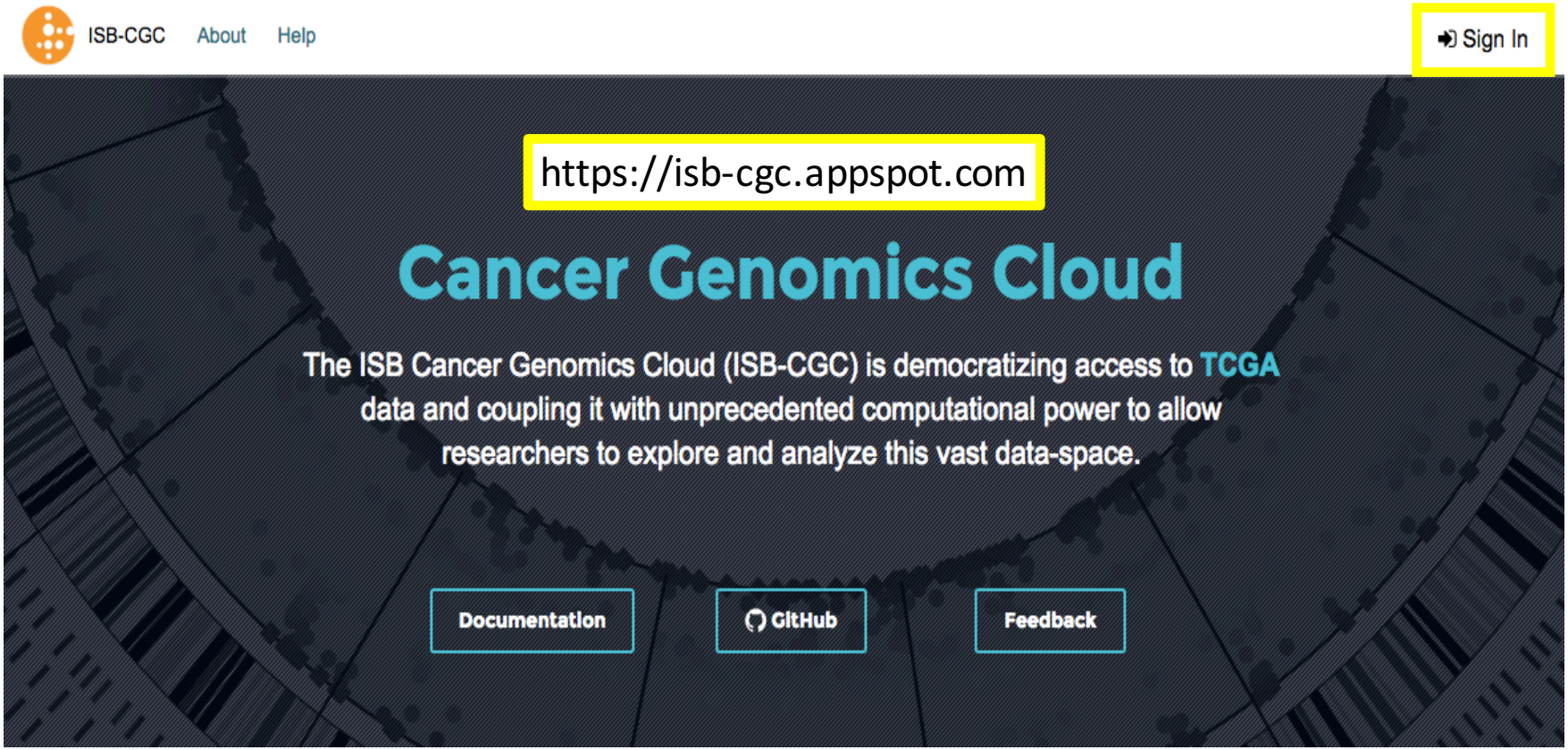
Institute for Systems Biology
Revolutionizing Science. Enhancing Life.

Google Cloud Platform

CSRA

Main Landing Page

- Handy place to access documentation, code, and send feedback
- You may only log in using a Google Managed identity by clicking the signin button



Your Dashboard > Saved Cohorts >

TCGA HNSC

New Workbook | Edit | Comments | Duplicate | Delete | View Files | Download IDs | Share | Shared With (0)

Selected Filters

SAMP:Project: TCGA SAMP:Study: HNSC

Details

Total Number of Samples: **1123**

Total Number of Participants: **528**

Your Permissions: OWNER

Revision History:

There is no revision history.

1. Log into the system
2. Create a cohort of TCGA HNSC Samples

Your Dashboard > Saved Cohorts >

TCGA CESC

New Workbook | Edit | Comments | Duplicate | Delete | View Files | Download IDs | Share | Shared With (0)

Selected Filters

SAMP:Project: TCGA SAMP:Study: CESC

Details

Total Number of Samples: **621**

Total Number of Participants: **308**

Your Permissions: OWNER

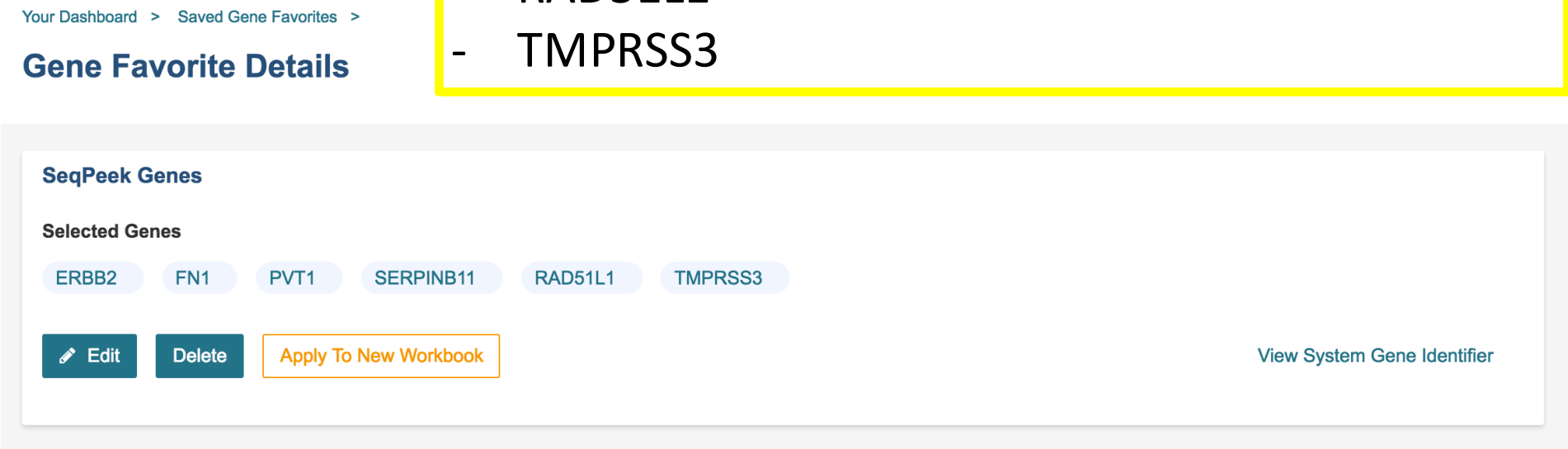
Revision History:

There is no revision history.

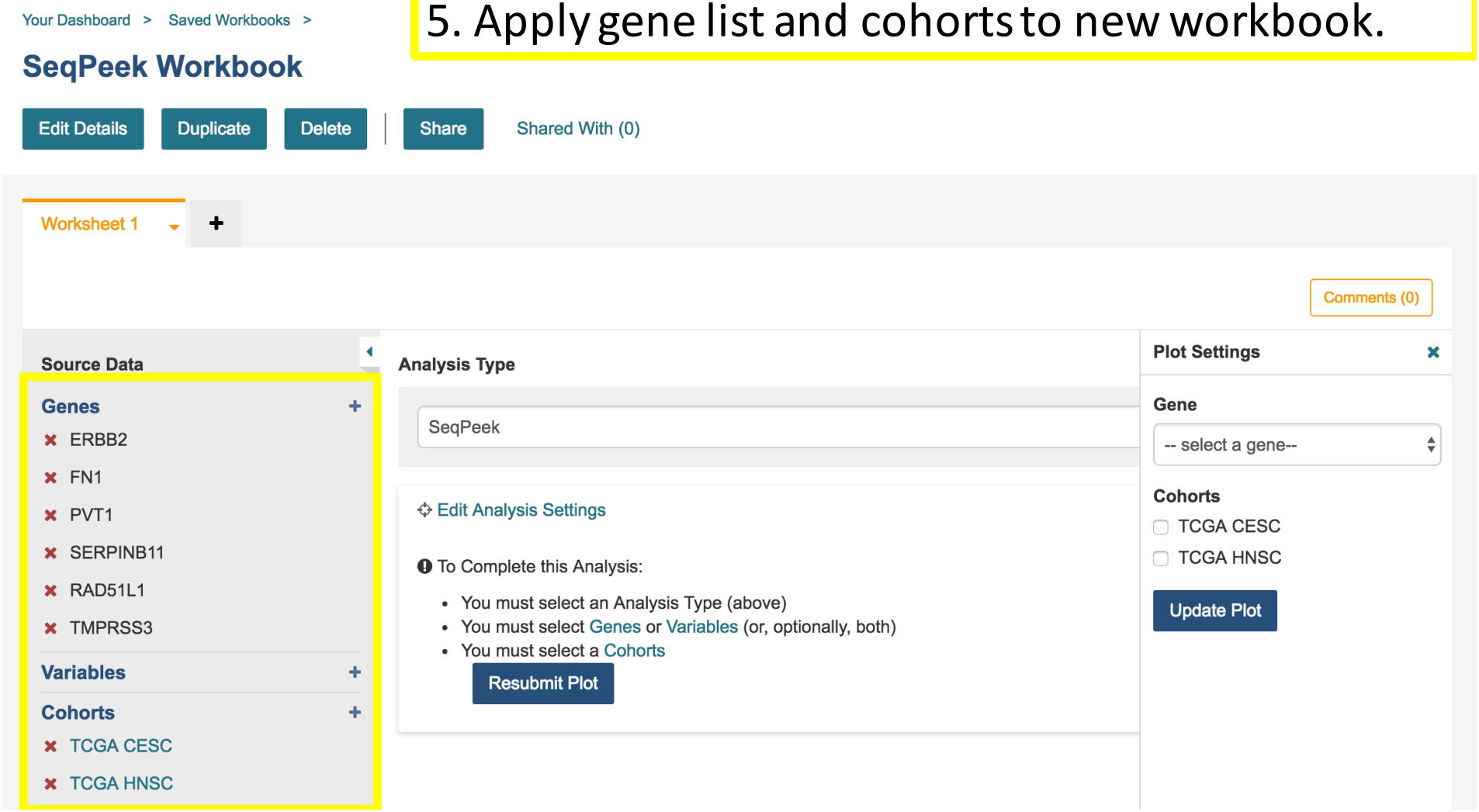
3. Create a cohort of TCGA CESC Samples

4. Create a gene list with the following genes:

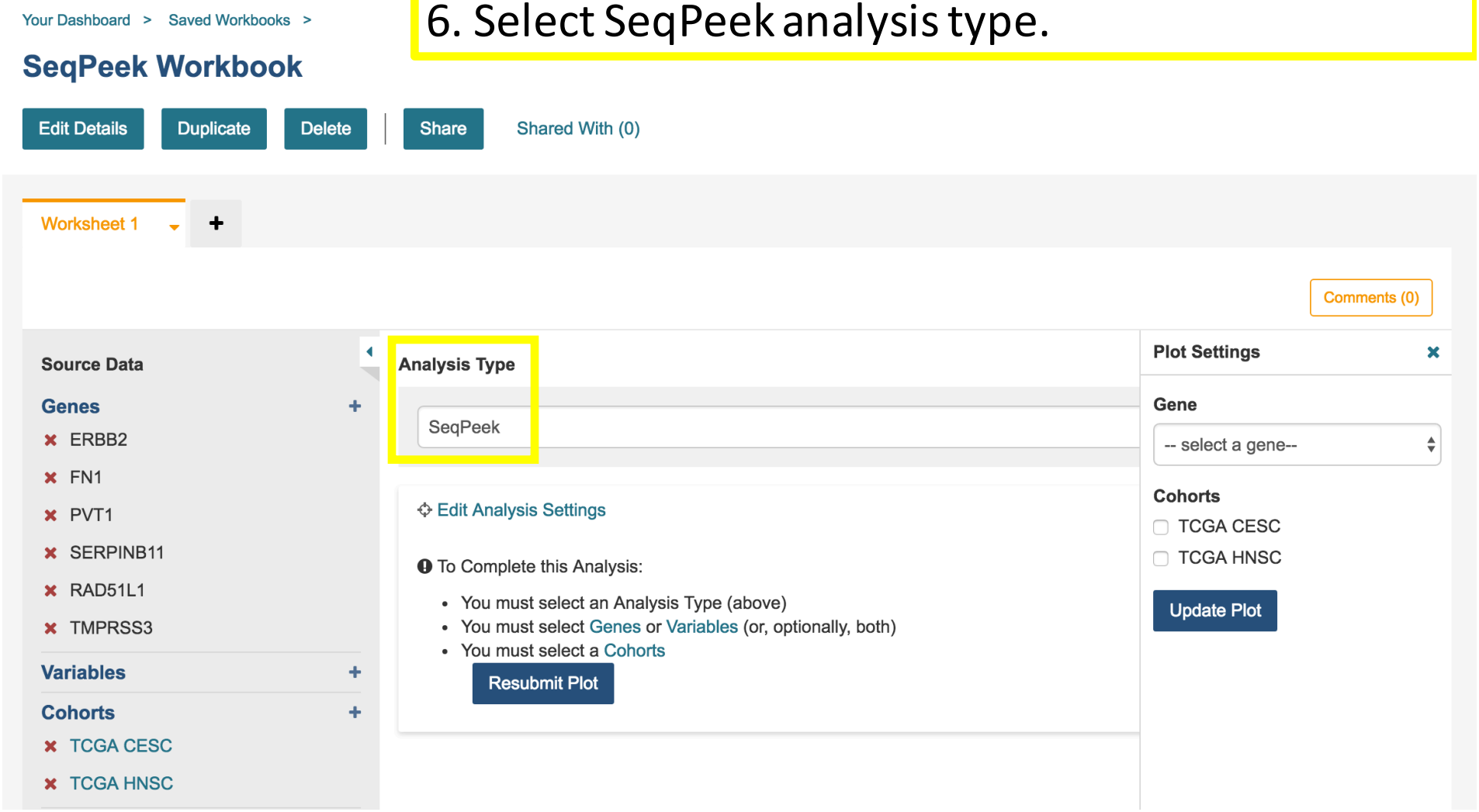
- ERBB2
- FN1
- PVT1
- SERPINB11
- RAD51L1
- TMPRSS3



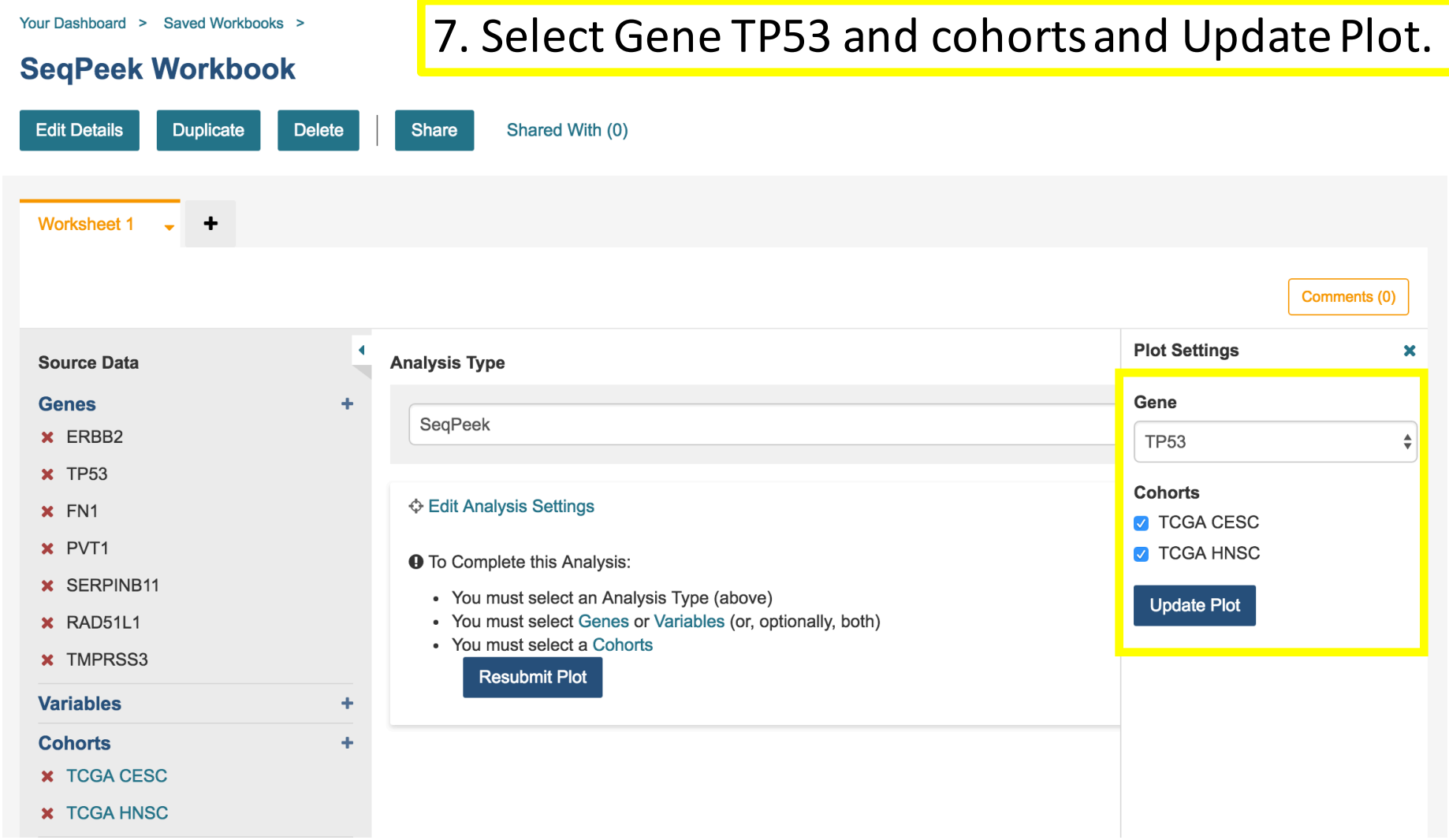
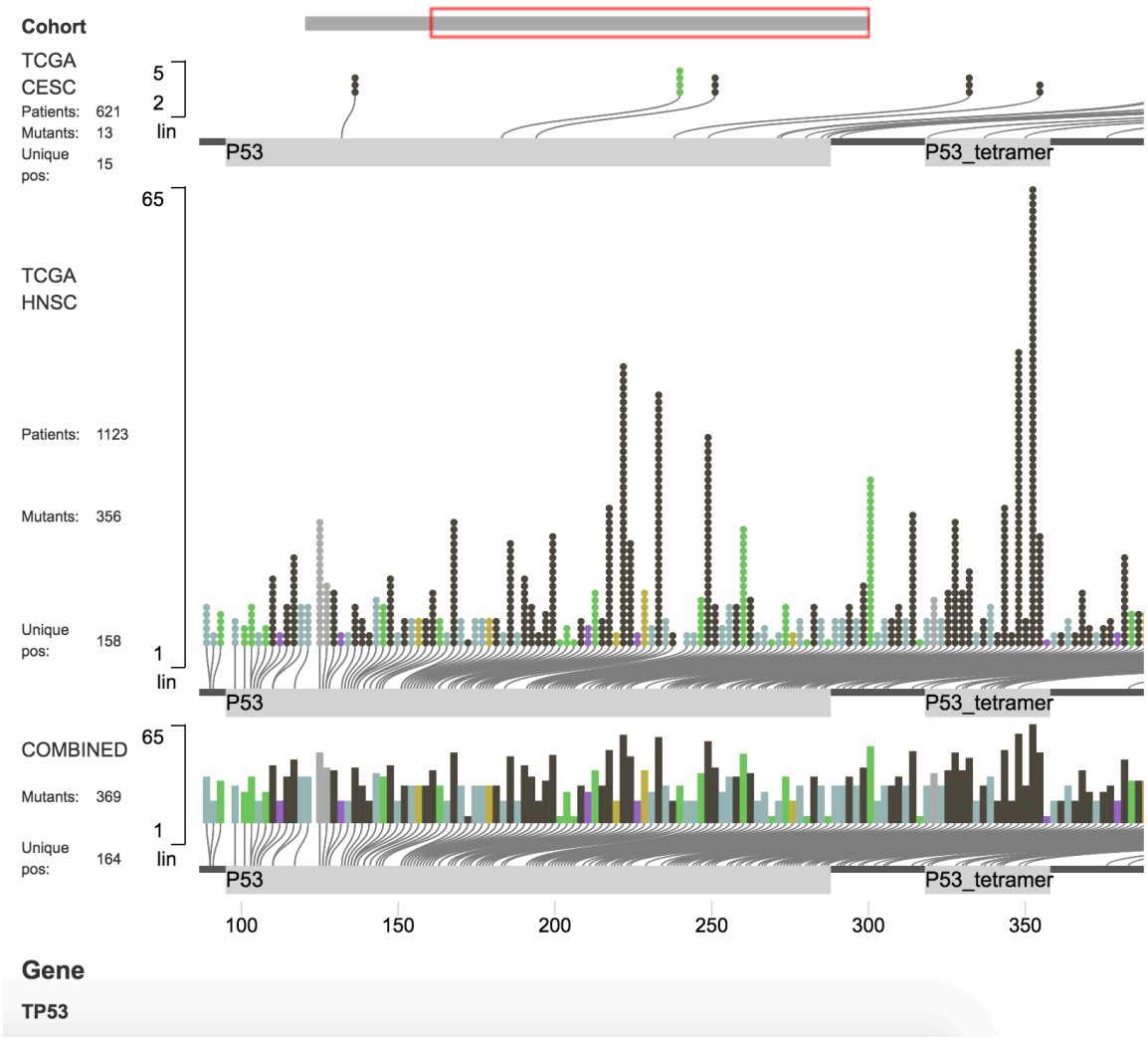
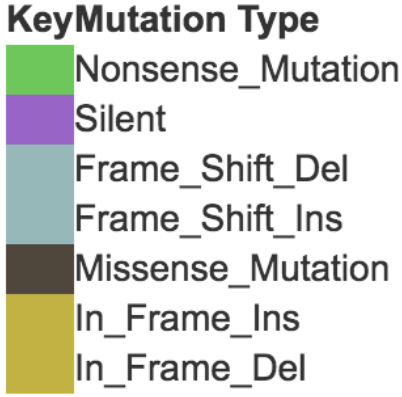
5. Apply gene list and cohorts to new workbook.



6. Select SeqPeek analysis type.



7. Select Gene TP53 and cohorts and Update Plot.



8. Explore resulting plot.