

COREXPLORER

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Welcome to the CorEx portal for gene expression analysis!

This website began as an extension of work applying the CorEx machine learning algorithm to gene expression data from ovarian cancer tumors as presented in [this paper](#).

CorEx searches for statistical patterns of gene expression present in subgroups of patients. These subgroups can then be mined for significance in terms of survival or database annotations. The primary goal in the original article was to enable meaningful personalized expression profiling for the purposes of both target discovery and treatment selection in ovarian cancer patients.

This website is intended to facilitate the rapid analysis and interpretation of gene expression data for large numbers of tumors across various cancer types. Here you can interactively view and explore the original published dataset, and eventually data for other cancers as well. Additionally, we plan to add the ability to upload custom tumor data in the future. If you are interested in seeing results from a specific GDC study, please let us know.

Quick Links

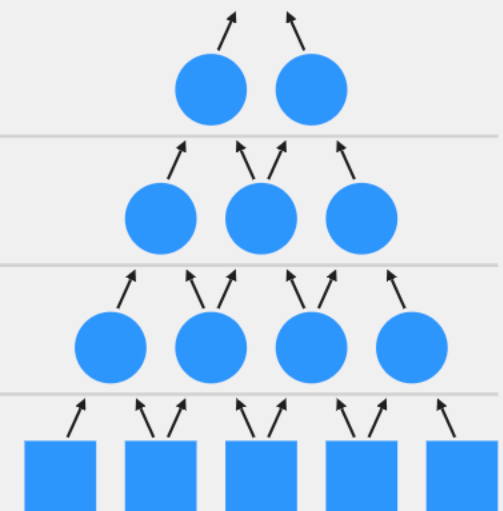
- [Ovarian \(TCGA-OV\)](#)
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L3:
8 factors

L2:
30 factors

L1:
200 factors

L0:
6715 genes



We love feedback! gregv@isi.edu

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