

Resource Summary Report

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SEAHORSE

RRID:SCR_027399

Type: Tool

Proper Citation

SEAHORSE (RRID:SCR_027399)

Resource Information

URL: <https://seahorse.networkmedicine.org>

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Description: Web-based database and search tool for exploratory data analysis in which we have pre-computed statistical associations between available data elements. Large-scale, open-access data sets such as the Genotype Tissue Expression Project (GTEx) and The Cancer Genome Atlas (TCGA) include multi-omic data on large numbers of samples along with extensive clinical and phenotypic information. Allows users to explore significant associations using tabulated summary statistics, data visualizations, and functional enrichment analyses (using RNA-seq data) for identified sets of genes.

Synonyms: Serendipity Engine Assaying Heterogeneous Omics Related Sampling Experiments

Resource Type: data or information resource, database

Defining Citation: [DOI:10.1101/2025.08.15.670514v1](https://doi.org/10.1101/2025.08.15.670514v1)

Keywords: Unexpected Correlations, Large Cohort Studies, Gene Expression, Gene Regulatory Networks, Correlations

Funding: NCI R35 CA220523;
NCI U24 CA231846;
NHGRI R01 HG011393

Availability: Free, Freely available,

Resource Name: SEAHORSE

Resource ID: SCR_027399

Record Creation Time: 20250905T055005+0000

Record Last Update: 20260912T200526+0000

Ratings and Alerts

No rating or validation information has been found for SEAHORSE.

No alerts have been found for SEAHORSE.

Data and Source Information

Source: [SciCrunch Registry](#)

Usage and Citation Metrics

We found 1 mentions in open access literature.

Listed below are recent publications. The full list is available at [NIF](#) .

Quackenbush A, et al. (2025) SEAHORSE: A Serendipity Engine Assaying Heterogeneous Omics-Related Sampling Experiments. bioRxiv : the preprint server for biology.