









Getting Started



Log in

Point your web browser to pas.seer.software and use your username or email address and password to log in; Seer will provide your login information in an email.

 Dashboard	Overview of analyses, plates, and projects
 Plates	Upload raw MS data and sample metadata
 Projects	Group plates and initiate new analyses
 Analyses	Analyses results and data visualizations
 Data Files ▼	Raw MS data repository
 Analysis Protocol	Collection of database search analysis protocols
 Users and Spaces	User management (admin only)
 Help	PAS User Guide and Web-based help system




Analysis Setup

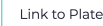
Option 1: Add a plate

Navigate to  **Plates** and upload raw MS data files, plate map file, and sample description file to .

Then, *optionally* add a plate to a Project and perform DIA or DDA search analysis of controls and/or samples. If a Project is not created, or analysis is deferred, proceed to **Option 3** for analysis.



Option 2: Link to a plate

Navigate to  **Data Files** then **MS Files**, select  to manually upload raw MS data files or automatically upload files by installing the  software onto the MS.


Select the uploaded MS data files, then upload the plate map file, and sample description file to .


Then, *optionally* add plate to a Project and perform DIA or DDA search analysis of controls and/or samples. If a Project is not created, or analysis is deferred, proceed to **Option 3** for analysis.

Option 3: Create Project from plates

If a Project was not created during **Option 1** or **Option 2**, navigate to  **Projects** and  then select plates to group for analysis.



Select a Project, choose samples of interest, and perform DIA or DDA search analysis.

Select  to analyze samples and controls.

Select  to analyze controls only.

Analysis Results

1. Analysis summary

Navigate to  **Analyses**, select  and select an analysis to view.



Select  for study insights and group analysis.

Select  for detailed experimental metrics.

2. Assay quality control

For analyses containing Proteograph assay controls, select  then  for assay control data results.

3. Differential abundance analysis

Select  and scroll to the group analysis panel. Select  and follow the steps to specify group analysis parameters.

Explore group analysis results and data using an assortment of visualizations:

Coverage	Volcano Plot	Box Plots	PPI Network	Clustered Heatmap	Enrichment
	