



nCounter[®]

Data Analysis Services

Looking to get the most out of your NanoString data? Let us partner with you to help unleash the potential behind your raw count data. Whether your project is large or small, the **Advanced Analysis Package** is a pre-built workflow designed to create gene expression fold-change ratios from your dataset. Our scientists work closely with you to thoroughly understand your project before processing the data and performing the analysis. Once complete, we review the results one-on-one and provide a summary of key findings.

Advanced Analysis Package Workflow:



Pre-consultation

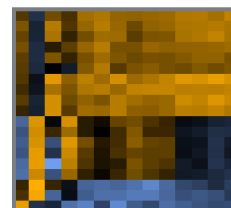
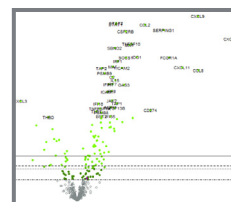
Once we receive your request, data files, and sample manifest, our scientists will contact you to discuss your analysis goals.



Data Analysis

Once we receive a Purchase Order, we perform the following:

- **Quality Control (QC):** A variety of technical parameters are used to examine your data. Samples/genes that fail QC will be identified and excluded from further analysis.
- **Background Subtraction:** If desired, internal controls within your CodeSet will be used to optimize your counts.
- **Differential Expression Analysis:** Up to four fold change ratios of differential gene expression will be generated between your experimental groups.



Results

After the analysis is complete, we provide you with the relevant figures and tables (such as heatmaps and/or volcano plots). We also review your analysis during a 1-hour screen-share session. Analysis is usually complete within 15 business days of receiving your PO and data files.

Interested in additional analysis services? We also offer a **Customized Analysis Package** that can be fully tailored to your needs. Fees and timelines are dependent on project scope. Contact DAS@nanosttring.com for more details.