

Uncle – Unchained Labs

INTRODUCTION

The Lumetics LINK™ software platform scans network locations for new measurement data files, copies data directly to a centralized database, and provides a powerful user interface for rapid multi-measurement multi-technique data aggregation, visualization, analysis, and reporting. LINK employs a client/server-based architecture where the LINK server hardware is provided by the end user and resides on the end user’s network. The LINK client is a portable web-based application that may be placed on any computer with network connectivity to the LINK server. For successful import, the LINK webserver requires read access to the folders where user data resides.

UNcle is a one-stop protein stability platform that uses fluorescence, SLS and DLS detection to enable 12 different applications. Multiple measurements such as thermal melting, aggregation, and sizing can be performed with the same samples in just one experiment.

DETAILS

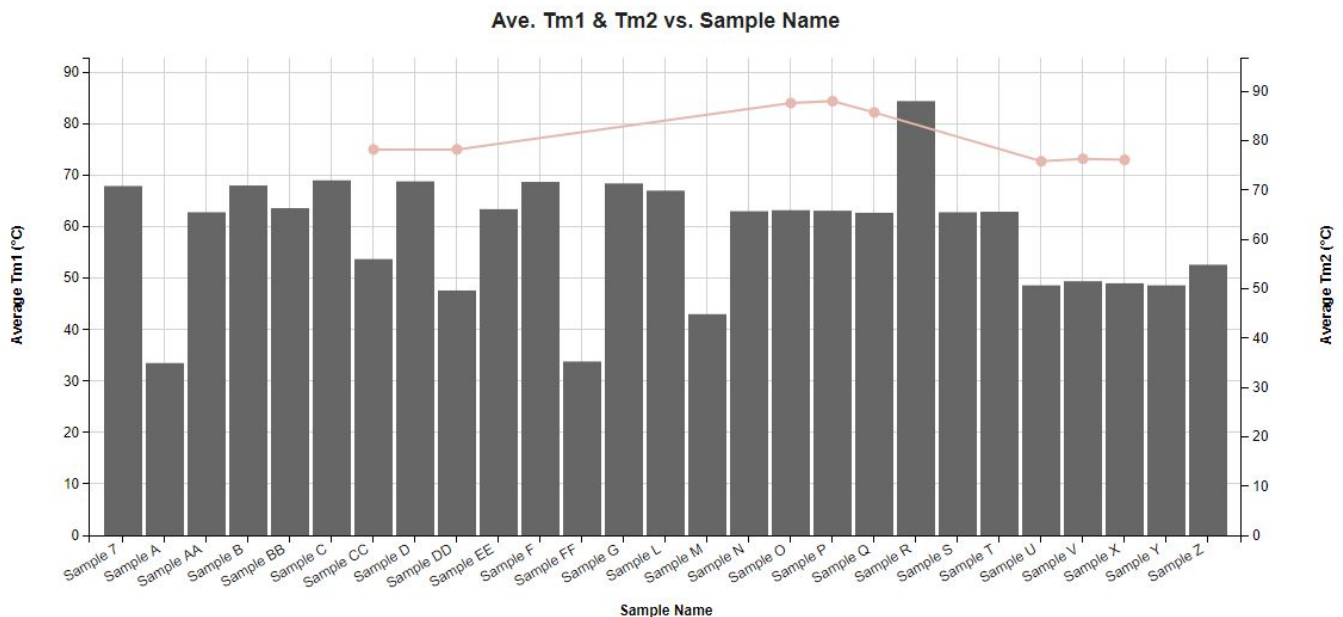
LINK requires the XLSX data file to import UNcle results. The required data file must be exported from the UNcle software.

LINK does not currently import raw curve data. All available instrument/analysis setting information and UNcle raw data calculations will be imported to LINK.

EXAMPLES

Included below is a sample dashboard from UNcle measurement files:

1. Column Chart plotting measurement results for Average Tm1 & Tm2 vs. Sample Name



2. Tabular Summary examples

Measurement Summary Table – Measurement Results

| Sample Name | Well | Tm1 (°C) - AVG | Average Tm1 (°C) - AVG | %CV Tm1 - AVG | %CV Tagg473 - AVG | %CV Tagg266 - AVG |
|-------------|---------------------|----------------|------------------------|---------------|-------------------|-------------------|
| Sample 7 | J1 | 67.90 | 67.90 | | | |
| Sample A | A1 | 33.50 | 33.50 | | 26.13 | 25.49 |
| Sample AA | Multiple (3 Values) | 62.80 | 62.80 | 0.48 | 0.26 | 0.13 |
| Sample B | Multiple (2 Values) | 68.00 | 68.00 | 1.18 | | 10.98 |
| Sample BB | Multiple (3 Values) | 63.60 | 63.60 | 1.42 | 0.13 | 0.40 |
| Sample C | Multiple (2 Values) | 69.00 | 69.00 | | | 30.00 |
| Sample CC | Multiple (3 Values) | 53.70 | 53.70 | 15.83 | 0.68 | 1.10 |
| Sample D | F1 | 68.80 | 68.80 | | | |
| Sample DD | Multiple (2 Values) | 47.55 | 47.60 | 0.63 | 0.14 | 0.28 |
| Sample EE | Multiple (2 Values) | 63.45 | 63.40 | 0.32 | 0.69 | 0.97 |
| Sample F | G1 | 68.70 | 68.70 | | | |
| Sample FF | Multiple (2 Values) | | 33.80 | | 19.68 | 28.41 |

Measurement Summary Table – Instrument Settings

| Sample Name | LINK Record ID # | InstrumentName | File Name | Well Row - AVG | Well Column - AVG | Well |
|-------------|------------------|----------------|--------------|----------------|-------------------|---------------------|
| Sample 7 | 106 | UNcle | UNCLE Report | 10.00 | 1.00 | J1 |
| Sample A | 97 | UNcle | UNCLE Report | 1.00 | 1.00 | A1 |
| Sample AA | | UNcle | UNCLE Report | 3.00 | 3.00 | Multiple (3 Values) |
| Sample B | | UNcle | UNCLE Report | 2.50 | 1.00 | Multiple (2 Values) |
| Sample BB | | UNcle | UNCLE Report | 6.00 | 3.00 | Multiple (3 Values) |
| Sample C | | UNcle | UNCLE Report | 4.50 | 1.00 | Multiple (2 Values) |
| Sample CC | | UNcle | UNCLE Report | 9.00 | 3.00 | Multiple (3 Values) |
| Sample D | 102 | UNcle | UNCLE Report | 6.00 | 1.00 | F1 |
| Sample DD | | UNcle | UNCLE Report | 11.50 | 3.00 | Multiple (2 Values) |
| Sample EE | | UNcle | UNCLE Report | 13.50 | 3.00 | Multiple (2 Values) |
| Sample F | 103 | UNcle | UNCLE Report | 7.00 | 1.00 | G1 |
| Sample FF | | UNcle | UNCLE Report | 15.50 | 3.00 | Multiple (2 Values) |
| Sample G | 104 | UNcle | UNCLE Report | 8.00 | 1.00 | H1 |
| Sample L | 110 | UNcle | UNCLE Report | 14.00 | 1.00 | N1 |

DASHBOARD DOWNLOAD

Included below is a link to downloadable dashboards for Uncle measurement files:

<http://lumetics.com/dashboards/Uncle/Uncle.zip>

CONTACT LUMETICS

For direct assistance, please contact Lumetics LINK™ Support:

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