Electronic Supplementary Material (ESI) for Analyst.

Supplementary Information

Quantification of Tunicamycin-Induced Protein Expression and N-Glycosylation Changes in Yeast

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The following Supplementary Tables in Excel files:

Table S-4. Quantified Proteins (4259) in Tunicamycin-Treated Yeast Cells

Table S-5. Identified Glycosylation Sites (448)

Table S-6. A List of Quantified 465 Unique N-Glycopeptides

Table S-7. Quantified 253 Unique Glycosylation Sites

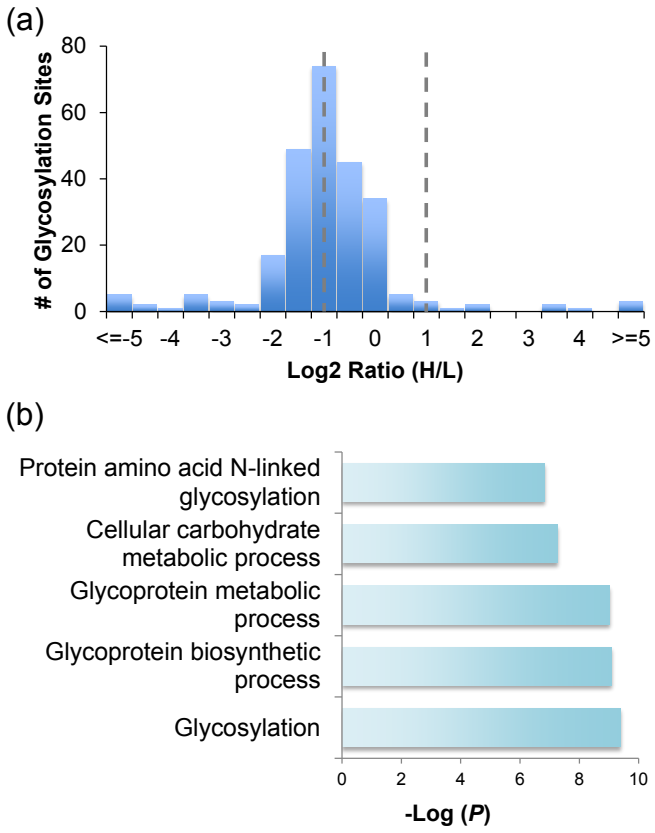

Figure S-1. (a) Ratio distribution of the quantified glycosylation sites. (b) Clustering of the down-regulated glycosylation sites according to biological process.

Table S-1. The LC gradient for the first fraction (3-25%)

Time (min)	Buffer A (%)	Buffer B (%)	Flow (mL/min)
0.0	100.0	0.0	0.20
10.0	100.0	0.0	0.20
13.4	97.0	3.0	0.20
14.5	96.0	4.0	0.18
101.0	75.0	25.0	0.18
123.0	0.0	100.0	0.18
125.0	0.0	100.0	0.20
125.5	100.0	0.0	0.20
132.0	100.0	0.0	0.20

Table S-2. The LC gradient for the second fraction (8-38%)

Time (min)	Buffer A (%)	Buffer B (%)	Flow (mL/min)
0.0	100.0	0.0	0.20
10.0	100.0	0.0	0.20
13.4	92.0	8.0	0.20
14.5	90.0	10.0	0.18
101.0	62.0	38.0	0.18
123.0	0.0	100.0	0.18
125.0	0.0	100.0	0.20
125.5	100.0	0.0	0.20
132.0	100.0	0.0	0.20

Table S-3. The LC gradient for the third fraction (10-50%)

Time (min)	Buffer A (%)	Buffer B (%)	Flow (mL/min)
0.000	100.0	0.0	0.20
10.000	100.0	0.0	0.20
13.400	90.0	10.0	0.20
14.500	85.0	15.0	0.18
101.000	50.0	50.0	0.18
123.000	0.0	100.0	0.18
125.000	0.0	100.0	0.20
125.510	100.0	0.0	0.20
132.000	100.0	0.0	0.20