

**Supplementary data 3. Clustermap of metabolite abundance profiles throughout one cell cycle. Response was calculated on the ratio of synchronized vs. asynchronous control cultures over time (based on mean values n=3 biological replicates per condition). Clustering based on *single* method agglomeration and *cosine* distance matrix.**

rel. abundance ( $\log_2$ )

time post synchronization (min)

id, me

- (18, UHP)
- (25, nLC\_)
- (210, UHP)
- (1000, nLC\_)
- (56, nLC\_)

