**Instruction of accessing the raw data for the study “Genomewide screen reveals a wide regulatory network for di/tripeptide utilization in Saccharomyces cerevisiae” Genetics, 2006 Mar; 172(3):1459-76.**

1. Folds were named with a number (such as 101, 102, and so on) representing the plate number of a 96 well plate from the deletion mutant library. For example, “101” is the first plate of the collection. “170” and “171” are the last two plates of the collection. For some plates, experiments were repeated. For example, “112\_1” fold was a repeat experiment of “112”.
2. Except “101” and “102” folds, each fold contains several .dat and excel files. The .dat files were the raw data generated from the machine. The file xxx\_1.dat represents the OD at the first time point. The file xxx\_2.dat represents at the second time, and so on. The time points of an experiment could be varied for different plates.
3. Each .dat file (such as 103\_1.dat) is followed by an Excel file with the same file name (such as 103\_1). This file contains the same raw data but in the Excel format.
4. Each Excel file contains 4 sheets, except the file named as “xxxall”

B1) “sheet 1” contains the data in the growth condition of HLKU (medium supplement with His, Leu, Lys, Ura). The filter 8 and wavelength 620 of the machine were used for the measurement. The date and the time of the measurement were also shown. The data were displayed in 96 well plate format. Additionally, the data were re-organized in a column format, which is displayed at the column E.

B2) “sheet 2” contains the data in the growth condition of DiKU or H-LKU no Trp. The rest is the same as the above.

B3) “sheet 3” contains the data in the growth condition of DiKU or H-LKU with Trp. The rest is the same as the above.

B4) The last sheet has the same name as the file (such as “103\_1”). It summarizes all the data from three growth medium conditions at that time point and is displayed in 96 well plate format.

1. The “xxxall “ file contains three sheets, which summarizes the data from all the growth time points. The name of the deletion mutant is give in column A, and the location of the mutant was displayed at colum C-E. The OD values at different time points are displayed in the followed columns.

“Sheet 1” contains data in HLKU growth medium; “Sheet2” in H-LKU; and “sheet3” in H-LKU+Trp.

1. The deletion mutants *ptr2* and *cup9* were manually added to each plate as a control.
2. “101” and “102” folds were two exception folds, which were organized differently from the above. These two were first two plates I tested for the whole screening assay. OD of more time points were tested. The organization of these two folds should be understandable if one knows the above.