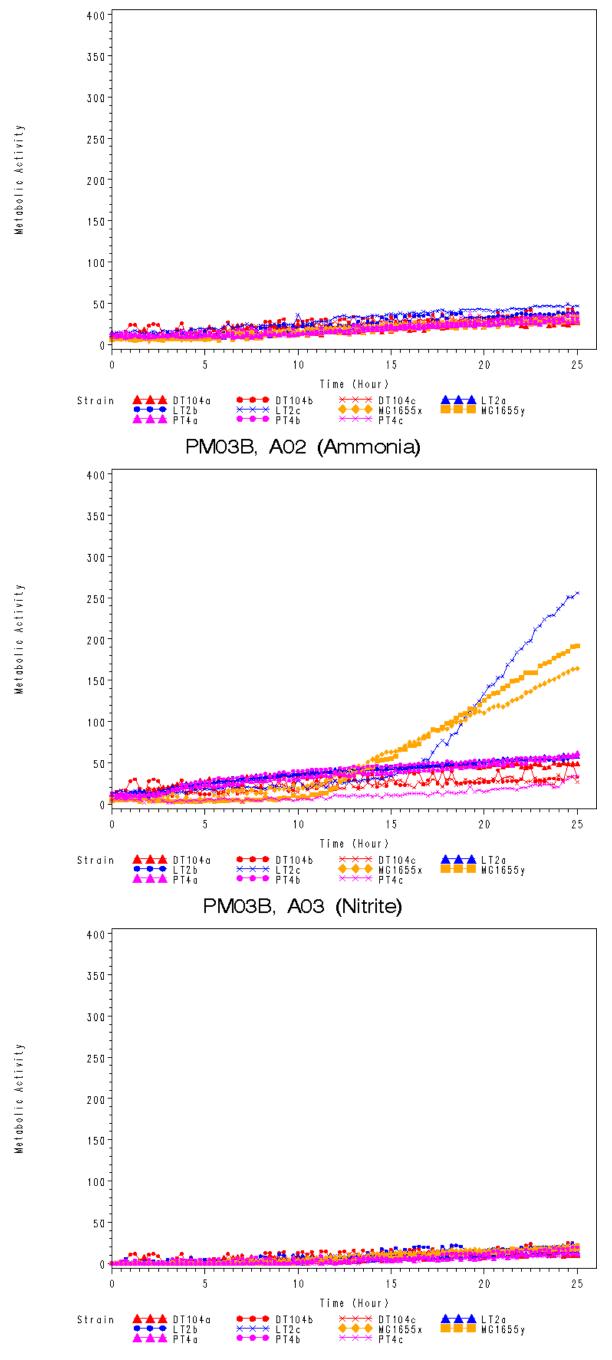
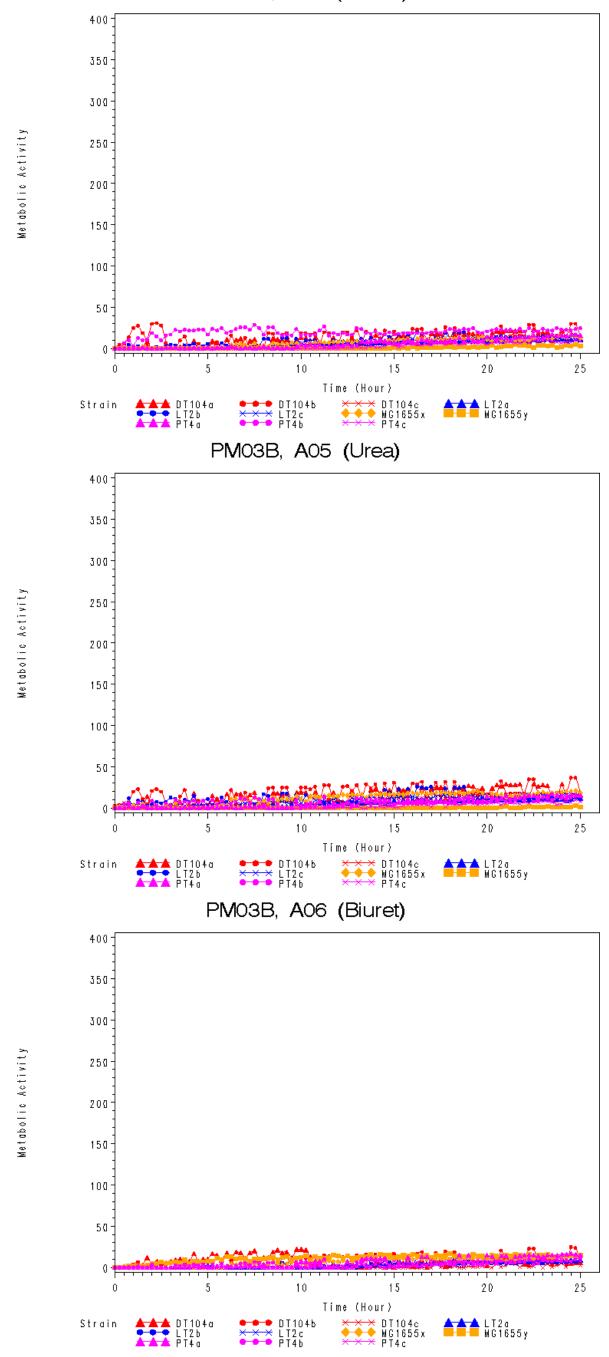
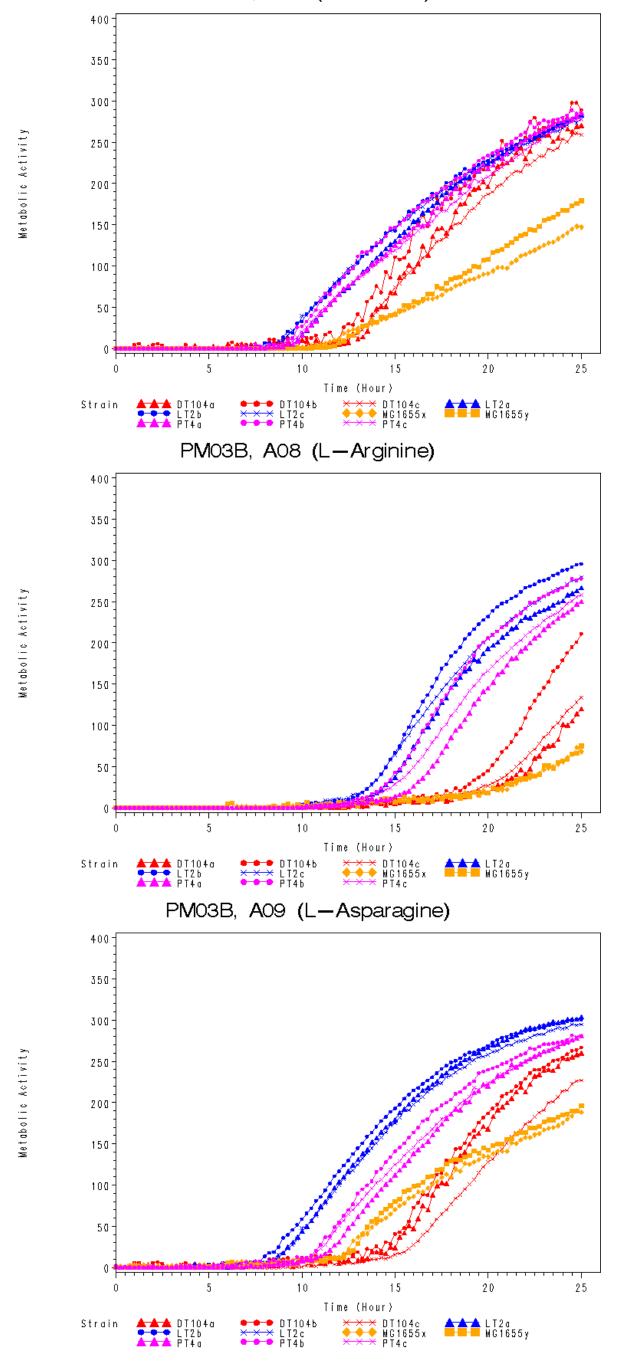
## PM03B, A01 (Negative Control)



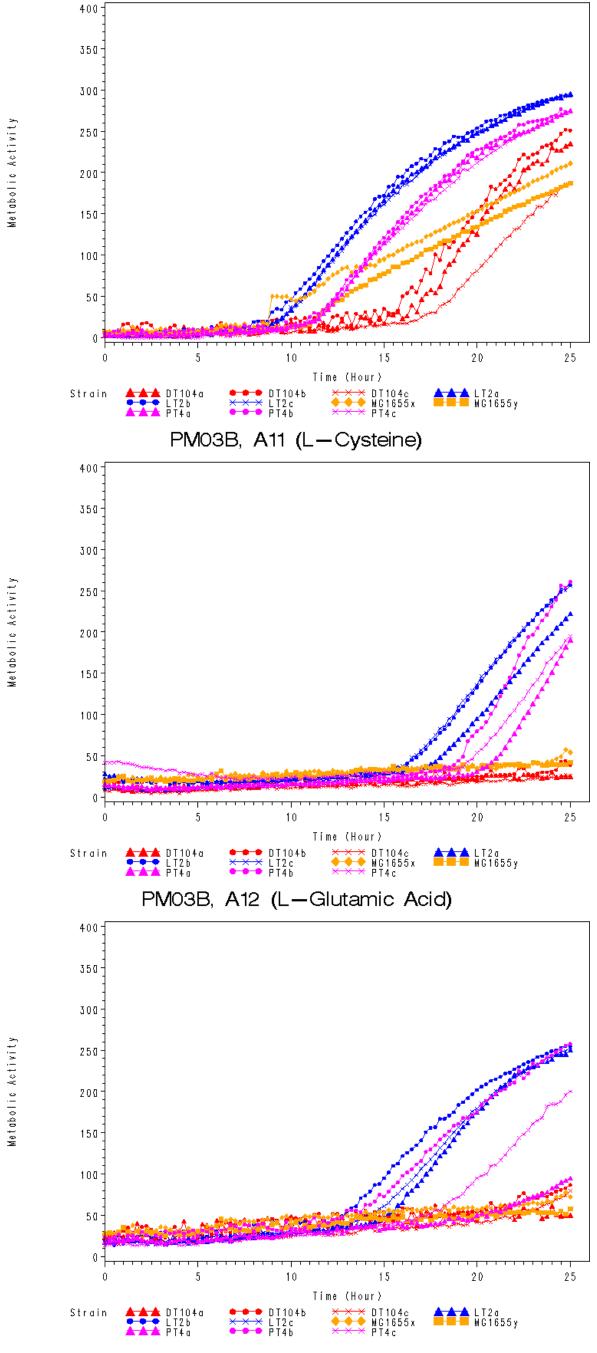
### PM03B, A04 (Nitrate)



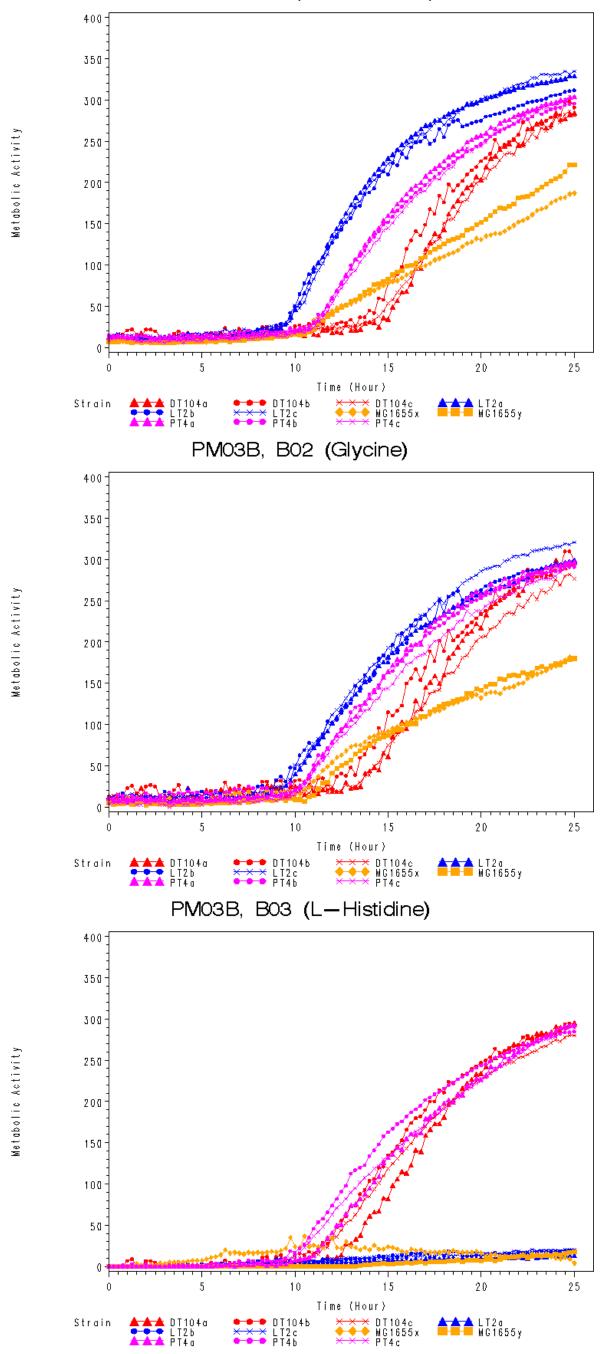
# PM03B, A07 (L-Alanine)



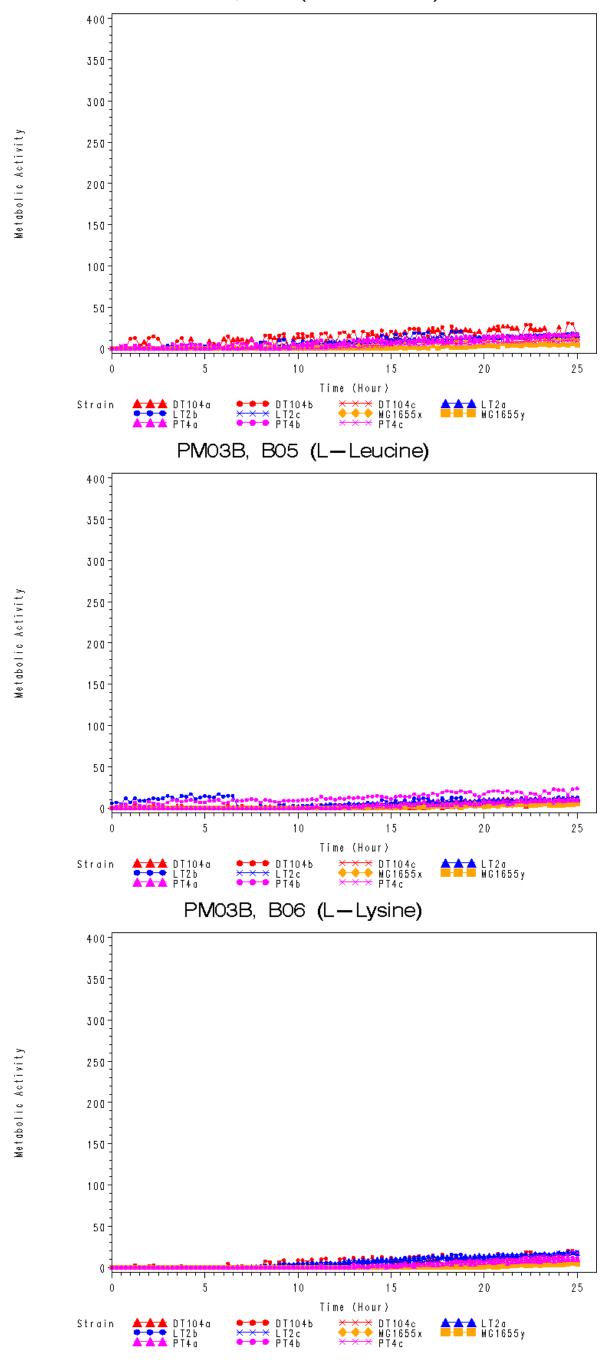
# PM03B, A10 (L-Aspartic Acid)



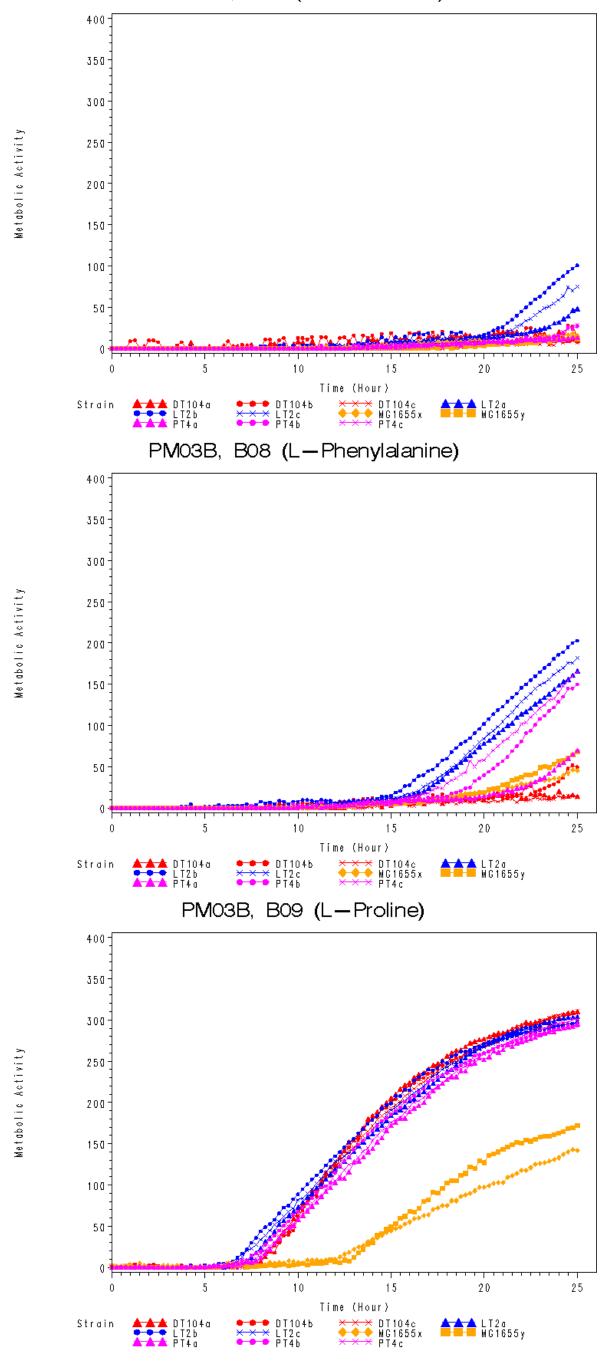
## PM03B, B01 (L-Glutamine)



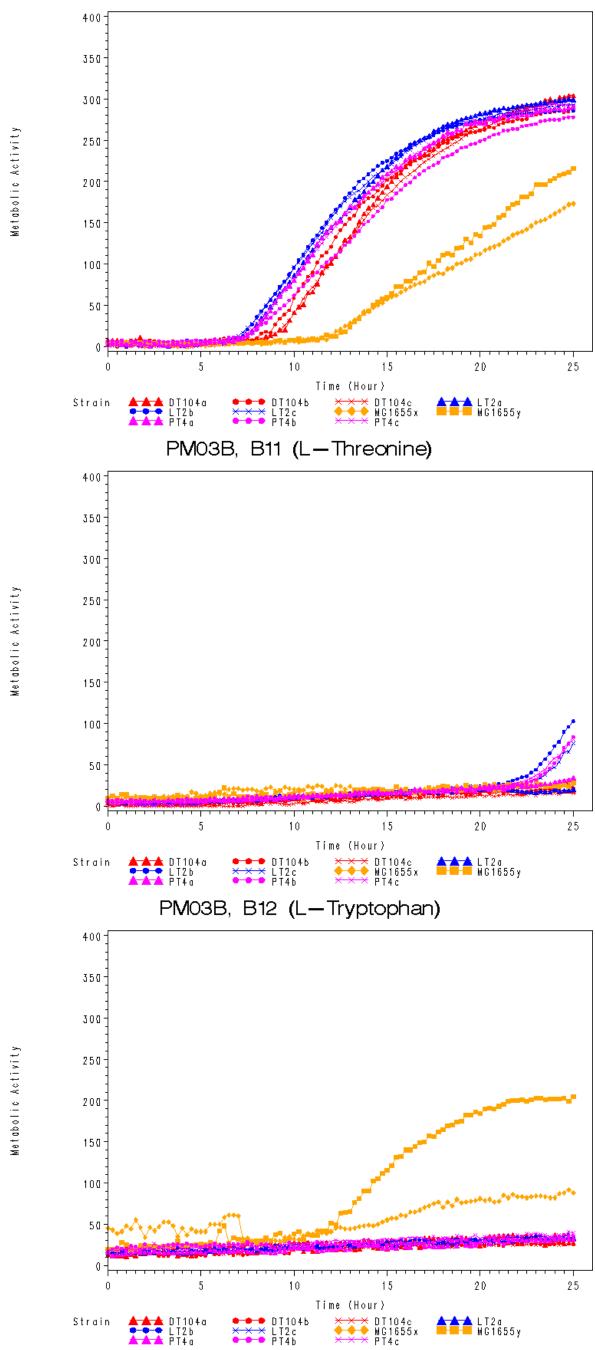
### PM03B, B04 (L-Isoleucine)



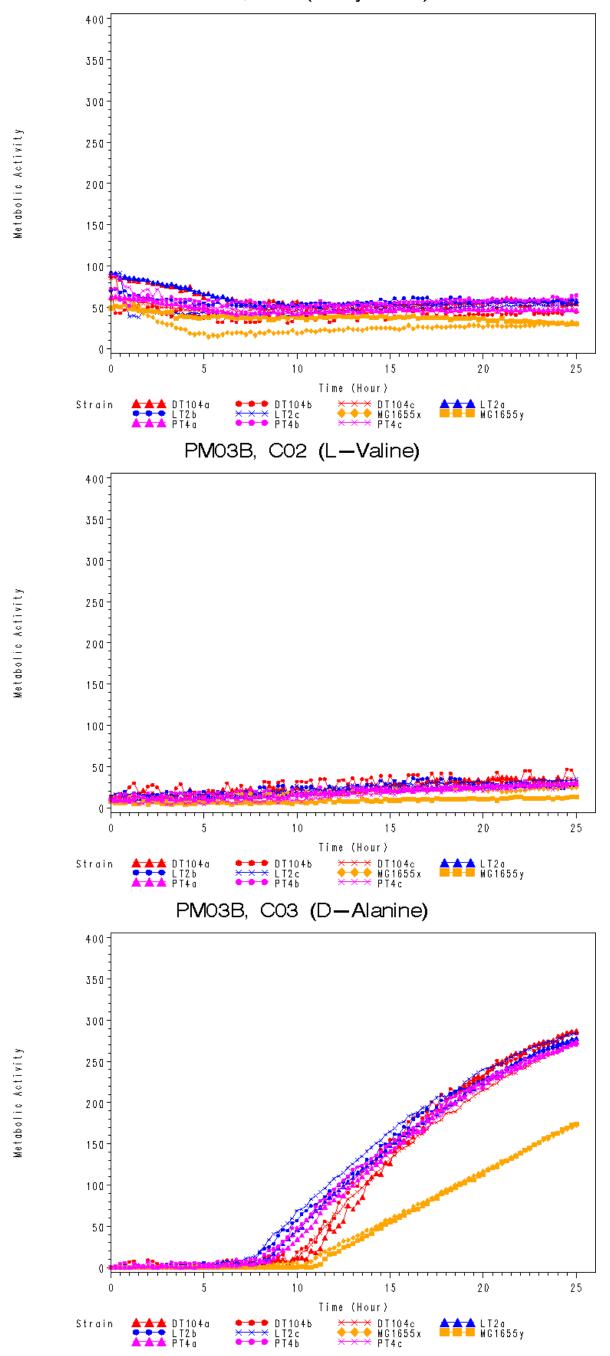
## PM03B, B07 (L-Methionine)



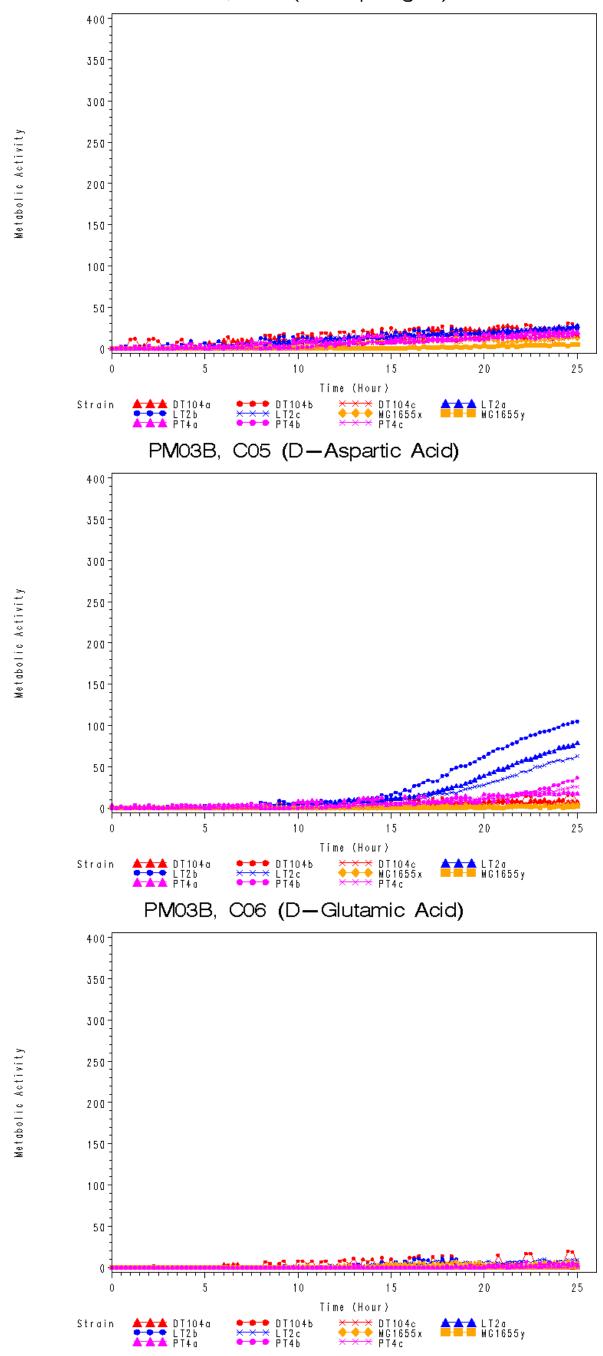
### PM03B, B10 (L-Serine)



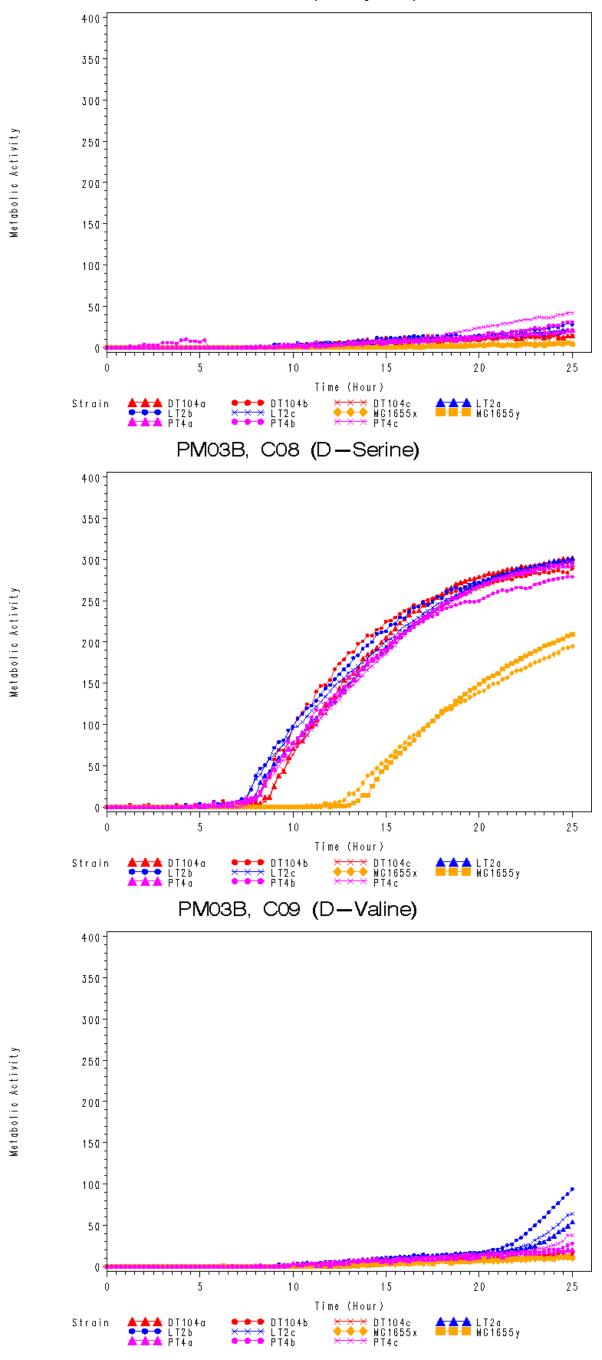
# PM03B, C01 (L-Tyrosine)



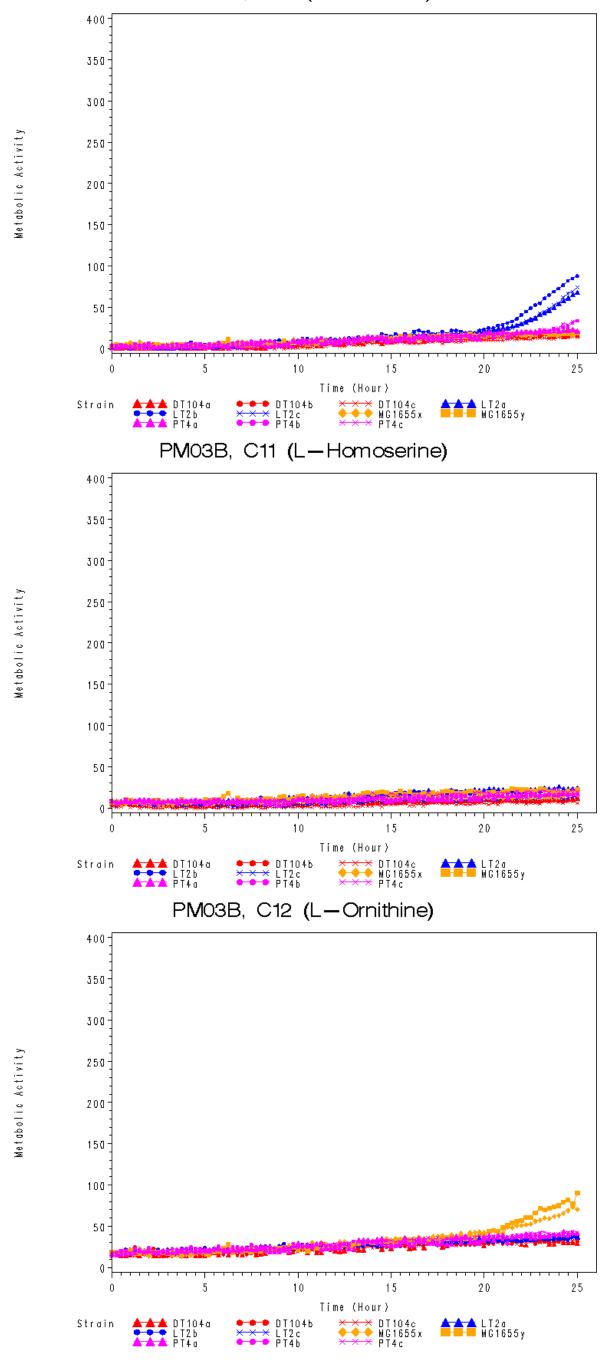
### PM03B, C04 (D-Asparagine)



## PM03B, C07 (D-Lysine)

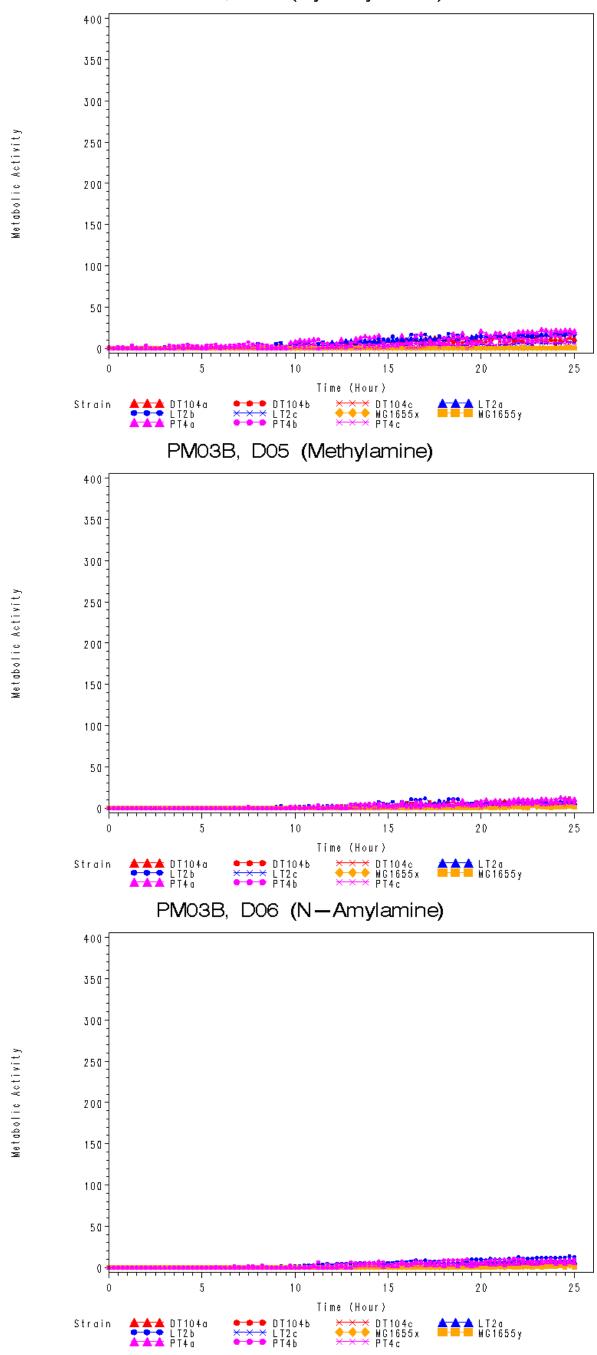


### PM03B, C10 (L-Citrulline)

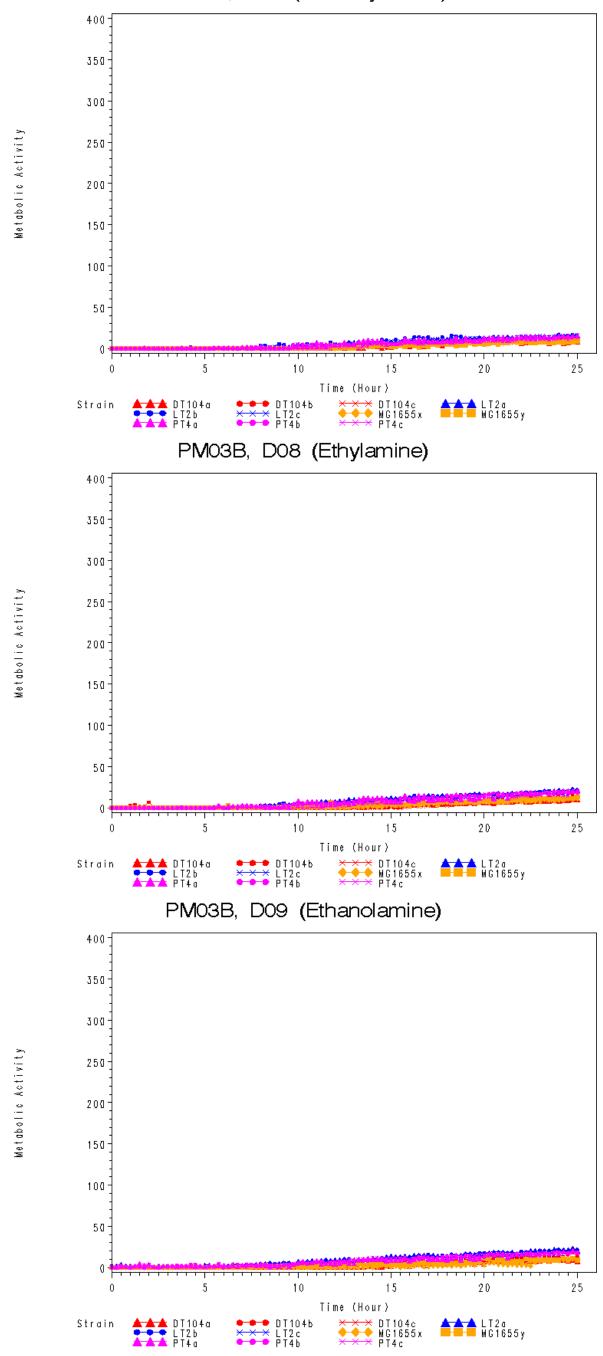


# PM03B, D01 (N-Acetyl-D,L-Glutamic Acid) Metabolic Activity Time (Hour) X X X DT104c ◆ ◆ ◆ MG1655x X X PT4c Strain PM03B, D02 (N-Phthaloyl-L-Glutamic Acid) Time (Hour) Strain PM03B, D03 (L-Pyroglutamic Acid) Time (Hour) DT104c MG1655x PT4c

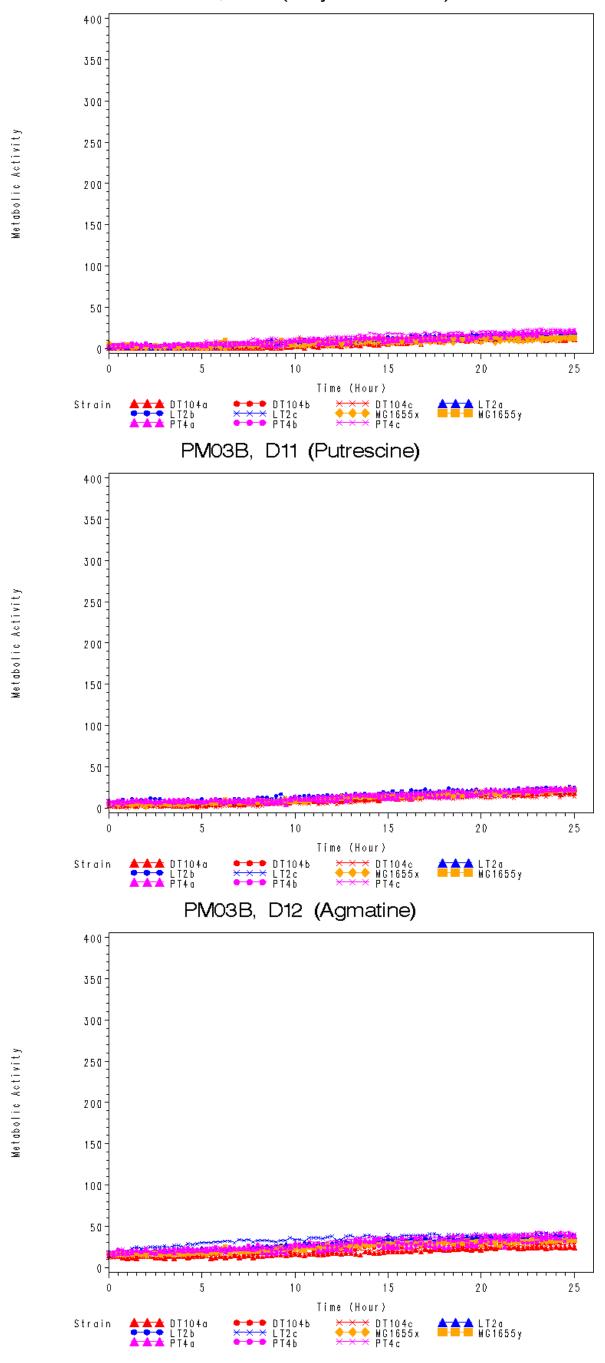
### PM03B, D04 (Hydroxylamine)



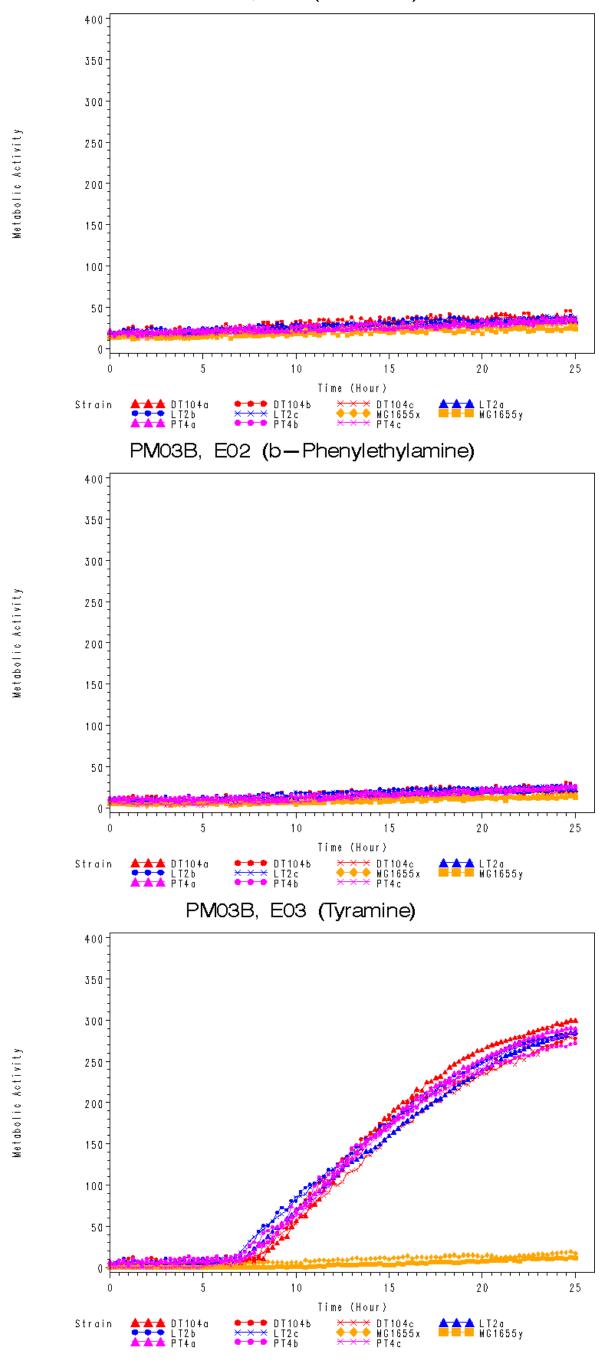
### PM03B, D07 (N-Butylamine)



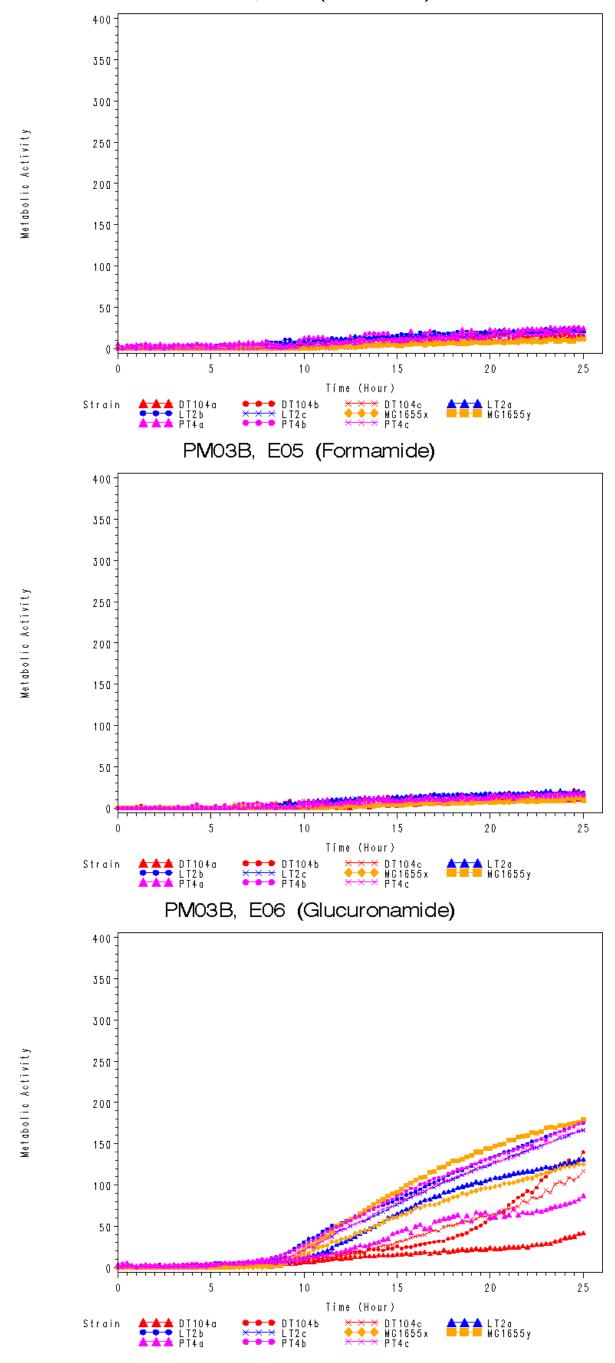
## PM03B, D10 (Ethylenediamine)



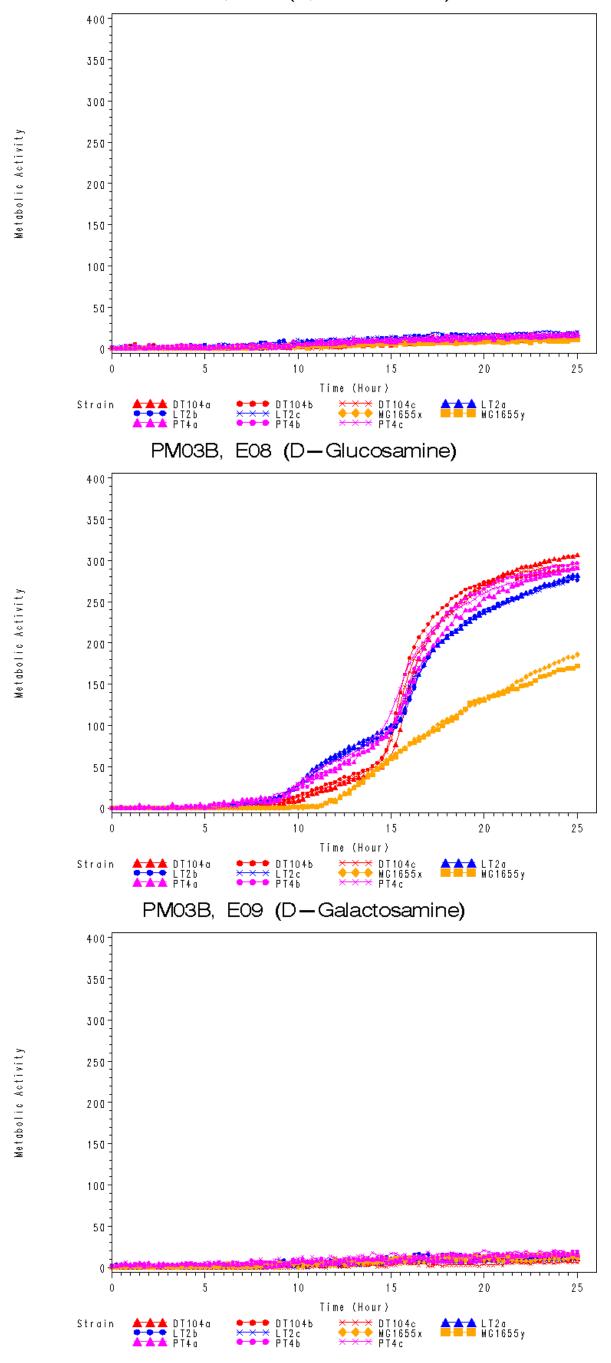
### PM03B, E01 (Histamine)



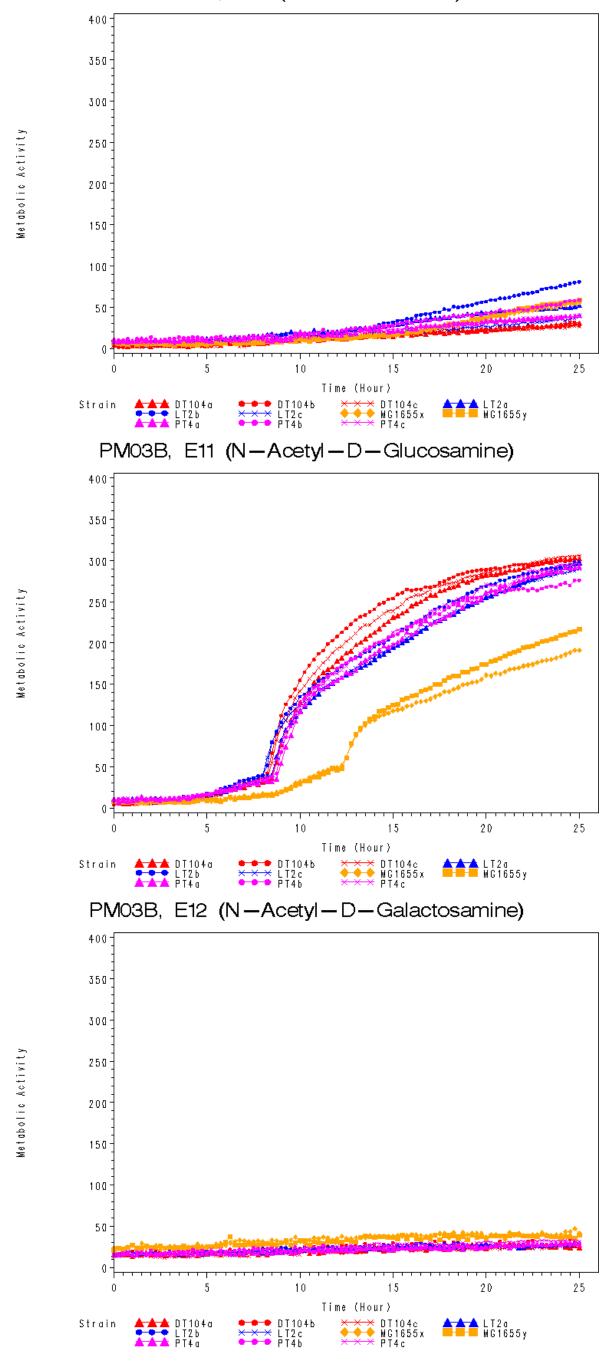
# PM03B, E04 (Acetamide)



## PM03B, E07 (D,L-Lactamide)

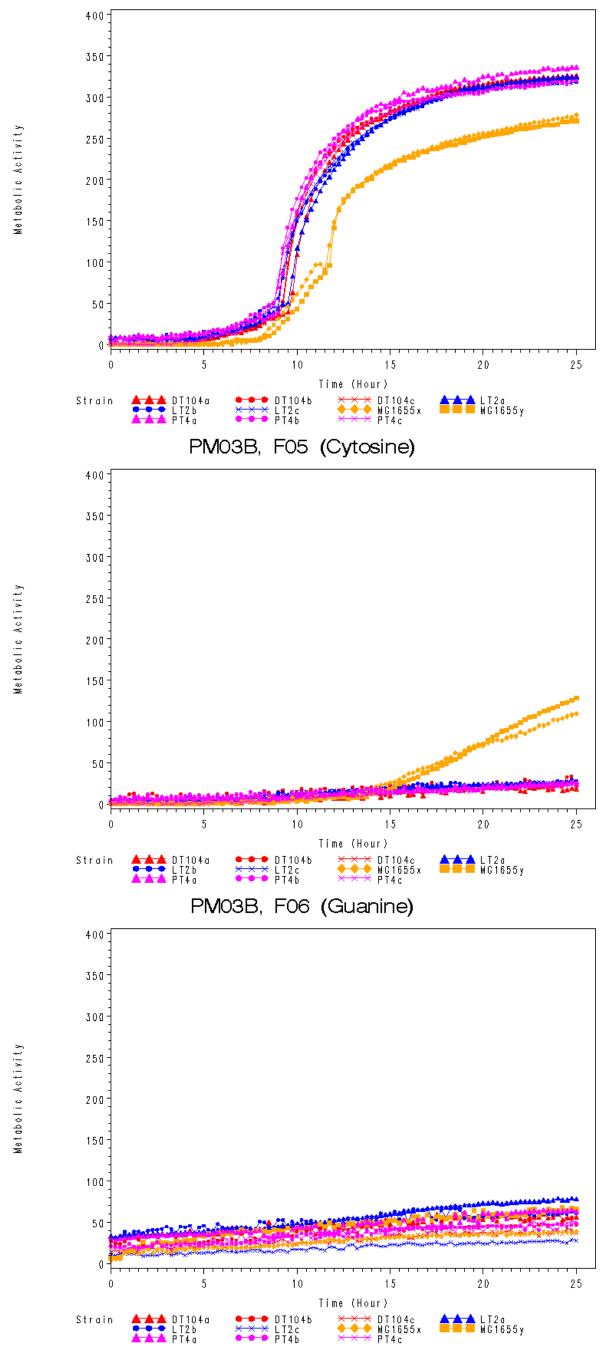


### PM03B, E10 (D-Mannosamine)

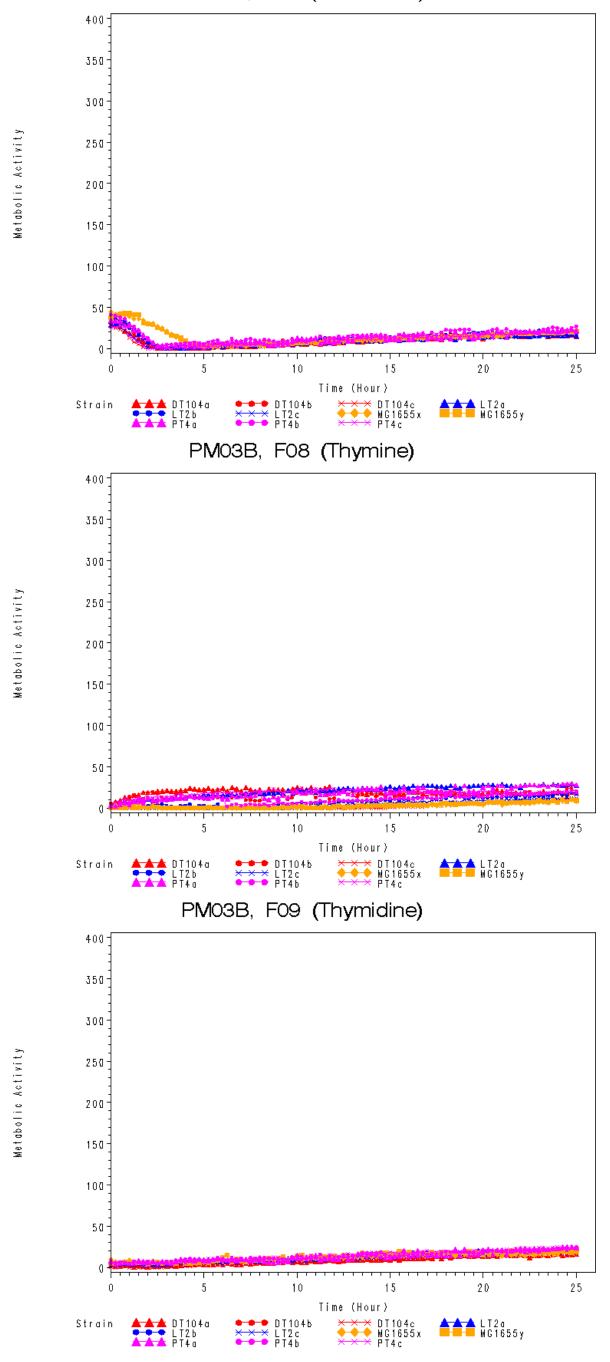


# PM03B, F01 (N-Acetyl-D-Mannosamine) Metabolic Activity Time (Hour) Strain PM03B, F02 (Adenine) Metabolic Activity Time (Hour) Strain PM03B, F03 (Adenosine) Time (Hour) XXXX DT104c MG1655x PT4c Strain LT2a MG1655y

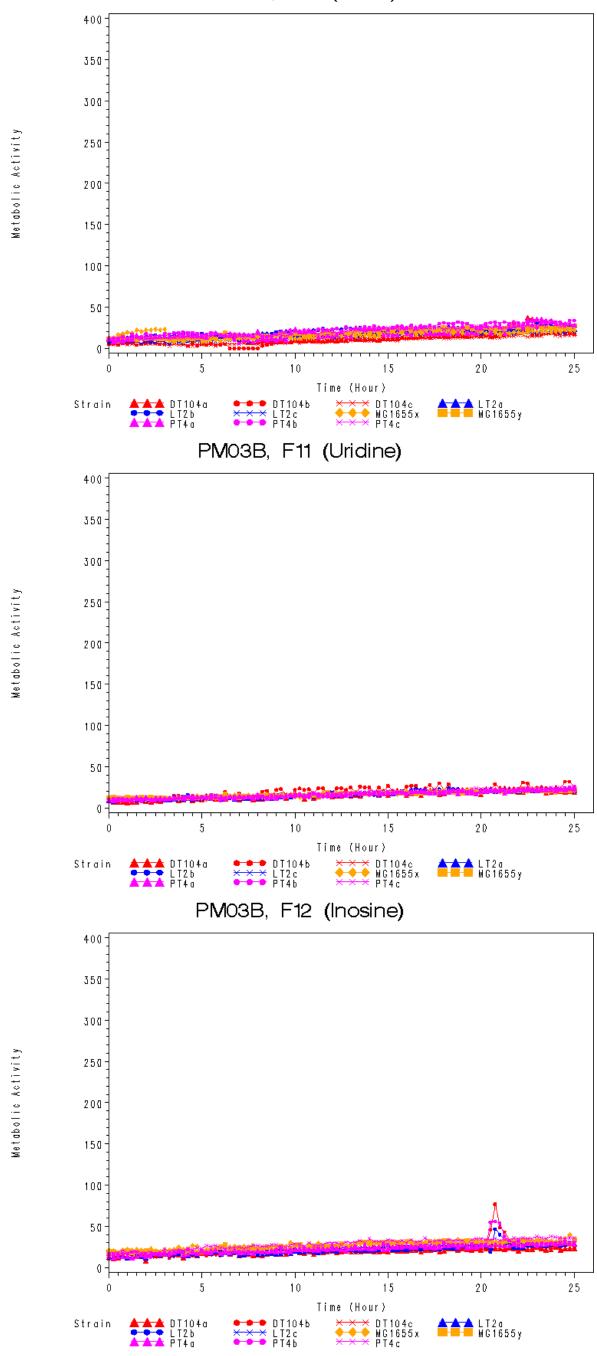
## PM03B, F04 (Cytidine)



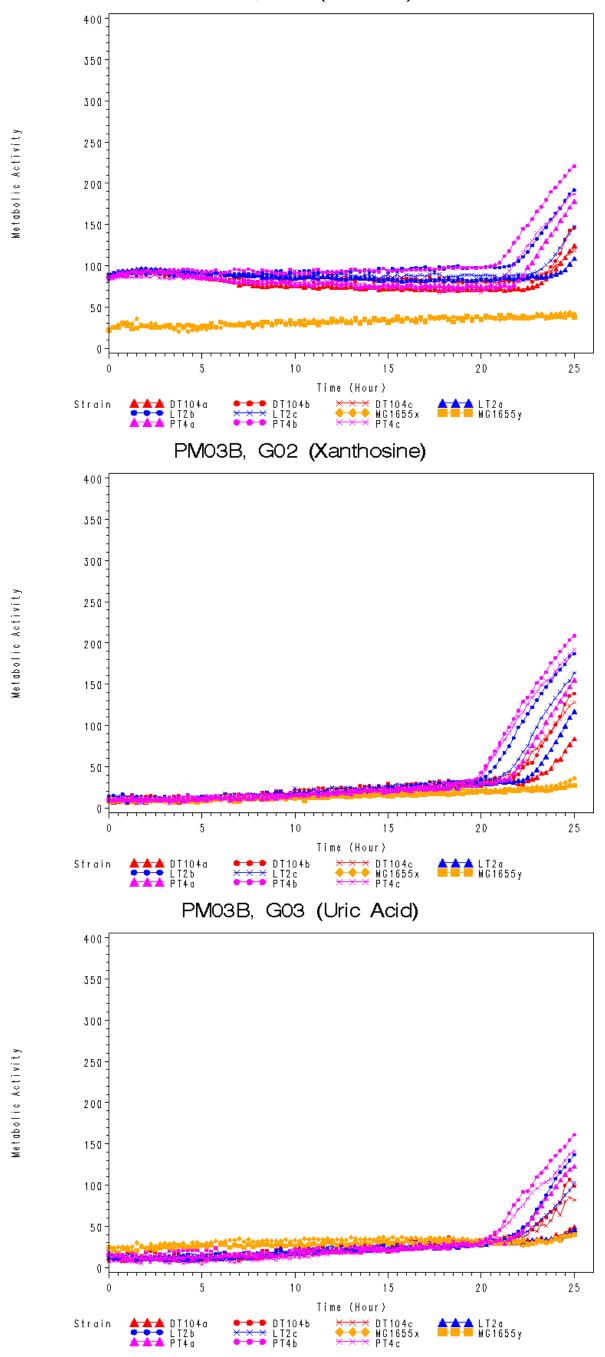
## PM03B, F07 (Guanosine)



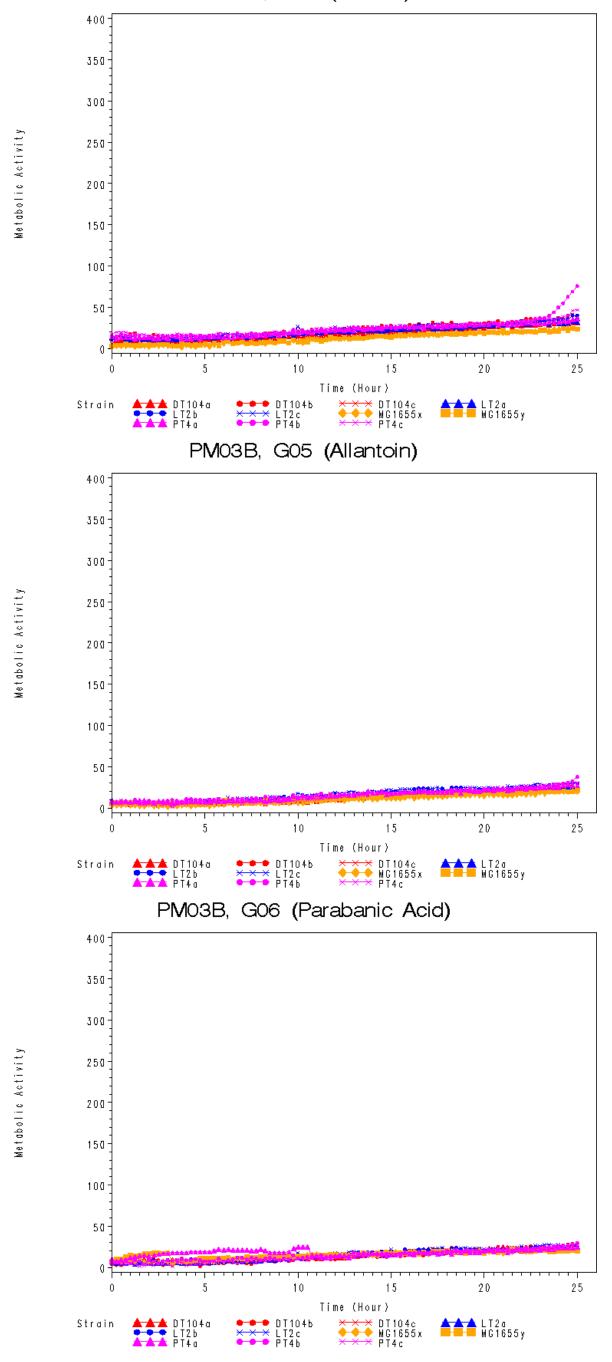
### PM03B, F10 (Uracil)



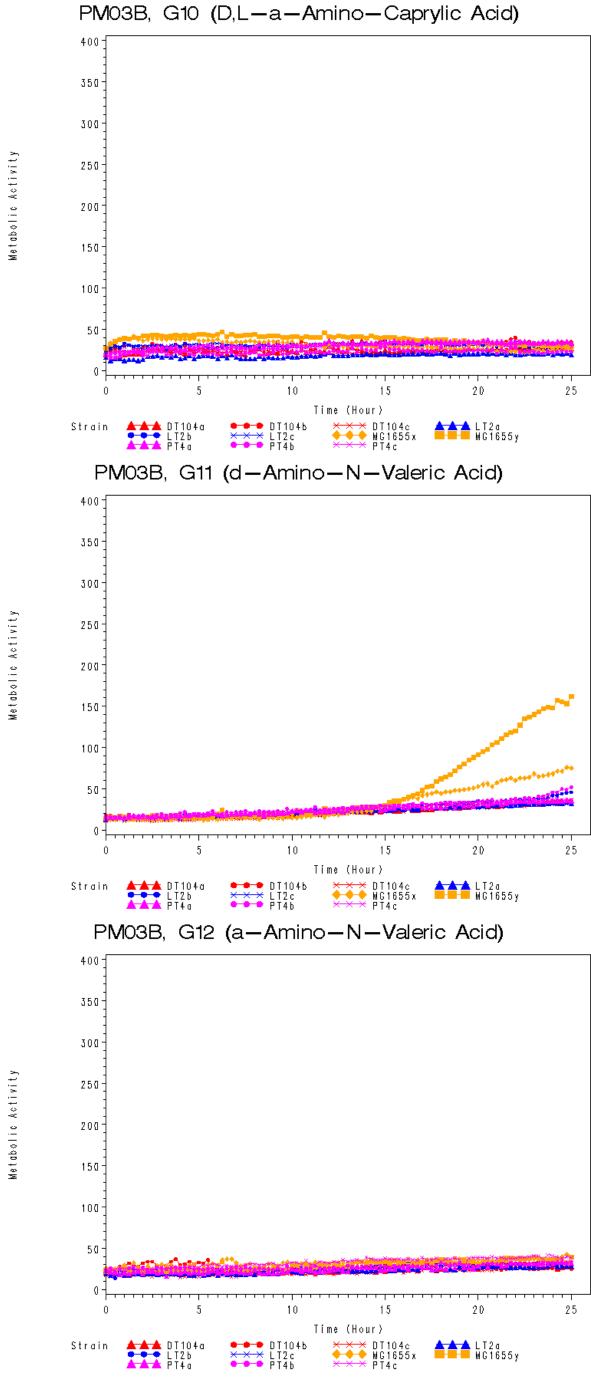
### PM03B, G01 (Xanthine)



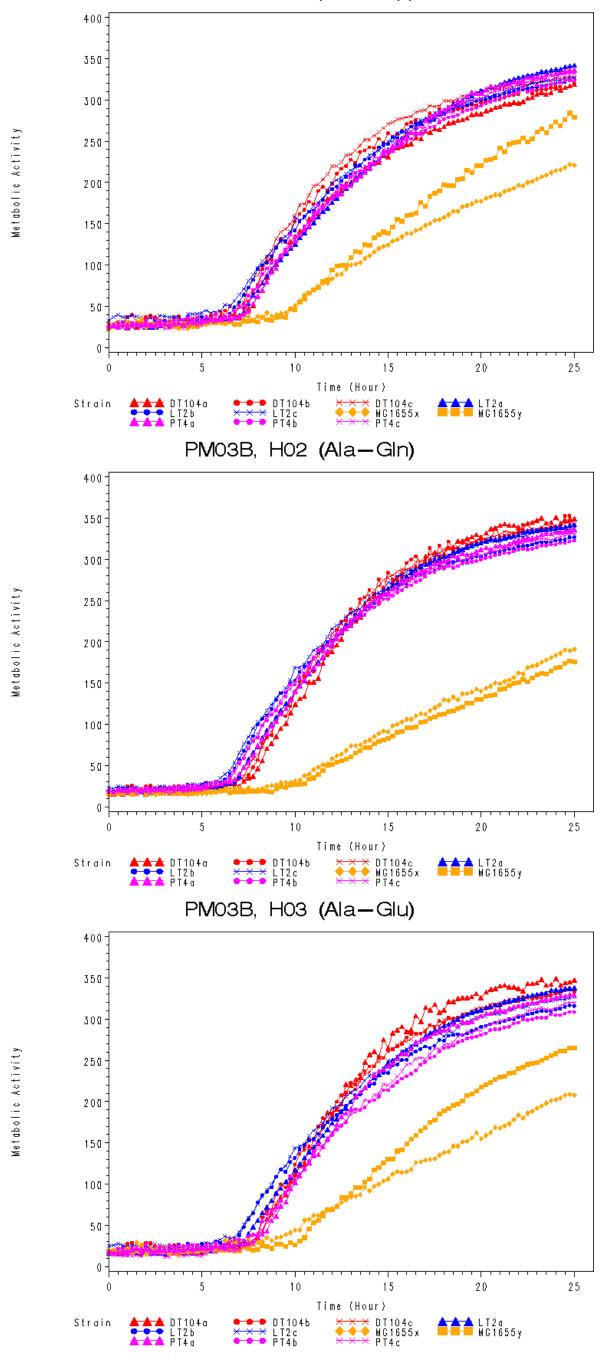
### PM03B, G04 (Alloxan)



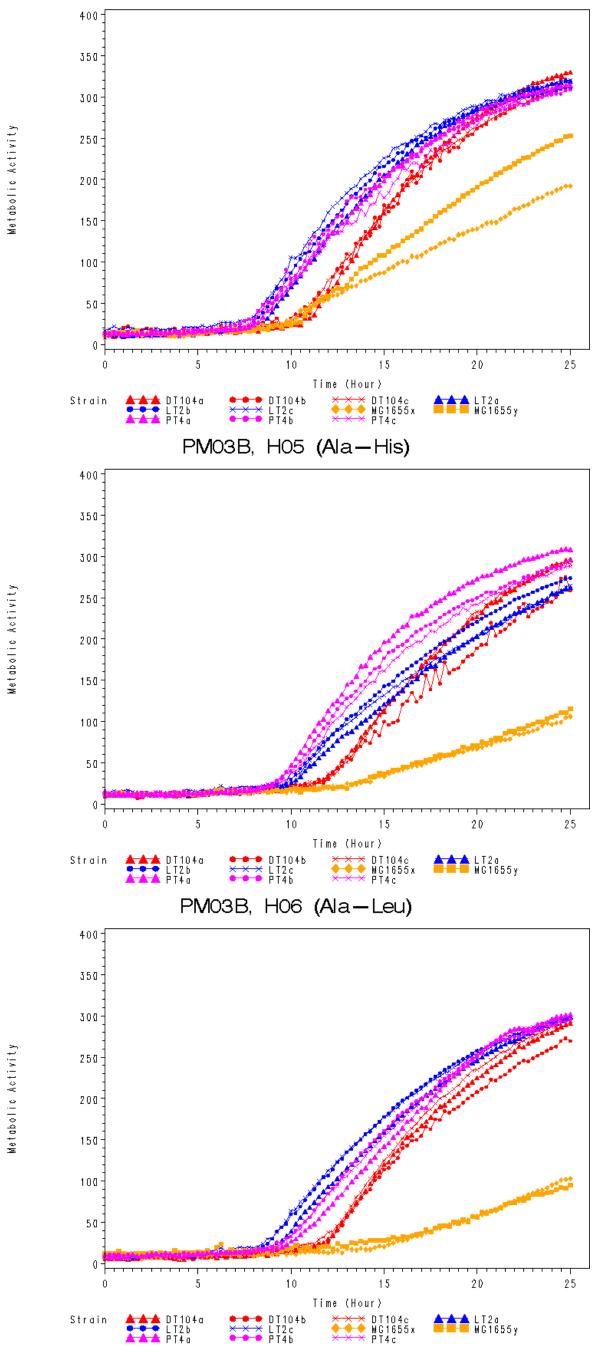
# PM03B, G07 (D,L-a-Amino-N-Butyric Acid) Metabolic Activity Time (Hour) DT104c MG1655x PT4c PM03B, G08 (g-Amino-N-Butyric Acid) Time (Hour) DT104c MG1655x PT4c PM03B, G09 (e-Amino-N-Caproic Acid) Time (Hour) XXXX DT104c MG1655x PT4c



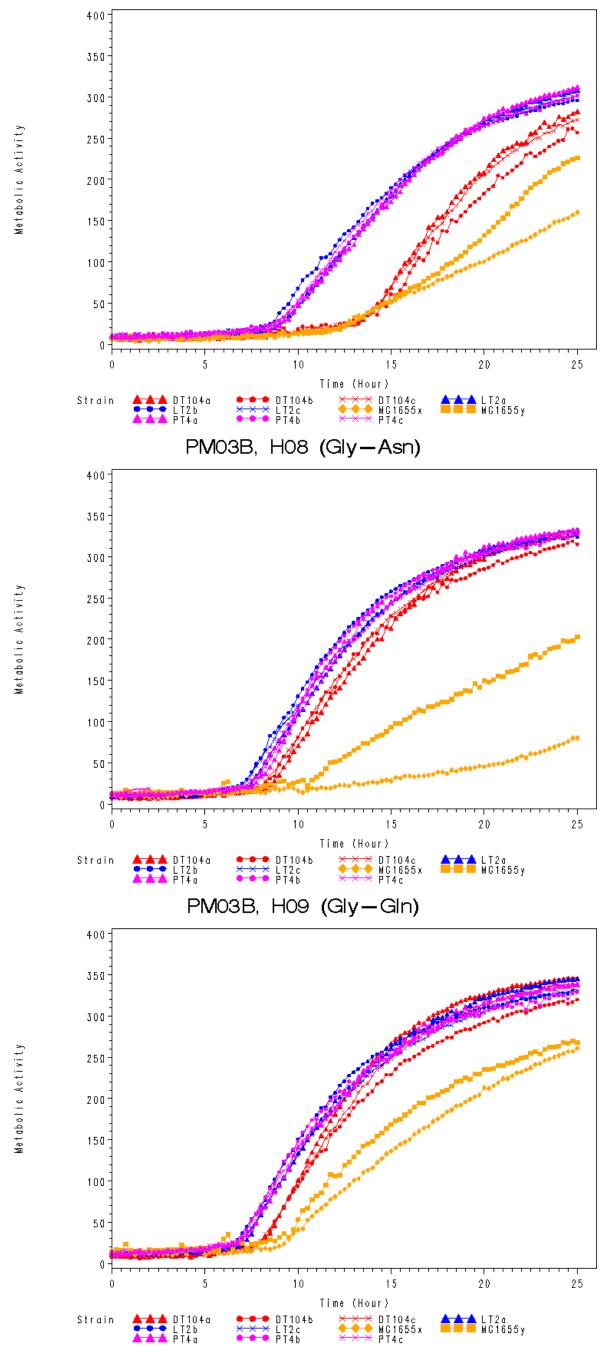
### PM03B, H01 (Ala-Asp)



# PM03B, H04 (Ala-Gly)



# PM03B, H07 (Ala-Thr)



## PM03B, H10 (Gly-Glu)

