

Supplementary Table S2. Expression data of YGR059W and ACT1 over 20 different chemostat culture conditions at a dilution rate of 0.1 h⁻¹

C source	N source	Aeration	Limitation	YGR059W	ACT1	Reference	GEO access no.
Glucose	(NH ₄) ₂ SO ₄	+ Air	Carbon	12.0±0.0	2628.0±204.9	Tai <i>et al.</i> (2005)	GSE1723
Glucose	(NH ₄) ₂ SO ₄	+ Air	Nitrogen	12.0±0.0	2265.3±106.0	Tai <i>et al.</i> (2005)	GSE1723
Glucose	(NH ₄) ₂ SO ₄	+ Air	Phosphorus	12.0±0.0	2314.4±265.5	Tai <i>et al.</i> (2005)	GSE1723
Glucose	(NH ₄) ₂ SO ₄	+ Air	Sulfur	12.0±0.0	2172.1±249.4	Tai <i>et al.</i> (2005)	GSE1723
Glucose	(NH ₄) ₂ SO ₄	+ 100 % N ₂	Carbon	14.8±3.0	3726.5±135.9	Tai <i>et al.</i> (2005)	GSE1723
Glucose	(NH ₄) ₂ SO ₄	+ 100 % N ₂	Nitrogen	12.0±0.0	2286.7±362.9	Tai <i>et al.</i> (2005)	GSE1723
Glucose	(NH ₄) ₂ SO ₄	+ 100 % N ₂	Phosphorus	16.2±4.0	2516.5±101.4	Tai <i>et al.</i> (2005)	GSE1723
Glucose	(NH ₄) ₂ SO ₄	+ 100 % N ₂	Sulfur	12.0±0.0	2345.9±248.9	Tai <i>et al.</i> (2005)	GSE1723
Ethanol	(NH ₄) ₂ SO ₄	+ Air	Carbon	12.0±0.0	3226.6±494.9	Daran-Lapujade <i>et al.</i> (2004)	NA
Acetate	(NH ₄) ₂ SO ₄	+ Air	Carbon	12.0±0.0	3233.9±375.6	Daran-Lapujade <i>et al.</i> (2004)	NA
Maltose	(NH ₄) ₂ SO ₄	+ Air	Carbon	12.0±0.0	4674.3±581.8	Daran-Lapujade <i>et al.</i> (2004)	NA
Galactose	(NH ₄) ₂ SO ₄	+ Air	Carbon	12.0±0.0	2676.4±120.3	Not published	NA
Glucose	(NH ₄) ₂ SO ₄	+ 100 % CO ₂	Carbon	12.3±0.6	2974.6±322.6	Aguilera <i>et al.</i> (2005)	NA
Glucose	(NH ₄) ₂ SO ₄	+ 79 % CO ₂ + 21 % O ₂	Carbon	12.0±0.0	2332.6±219.6	Aguilera <i>et al.</i> (2005)	NA
Glucose	(NH ₄) ₂ SO ₄	+ 79 % CO ₂ + 21 % O ₂	Nitrogen	12.0±0.0	2273.2±225.1	Aguilera <i>et al.</i> (2005)	NA
Glucose	Asn	+ Air	Carbon	13.5±2.6	2418.1±122.1	Not published	NA
Glucose	Pro	+ Air	Carbon	12.0±0.0	2294.8±127.6	Not published	NA
Glucose	Phe	+ Air	Carbon	12.0±0.0	2917.2±575.3	Vuralhan <i>et al.</i> (2003)	NA
Glucose	Leu	+ Air	Carbon	12.0±0.0	2148.8±204.2	Not published	NA
Glucose	Met	+ Air	Carbon	12.0±0.0	2392.7±143.3	Not published	NA

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