

Figure 3_figure supplement 5

Wild-type and mutant strains grown in SDcsaWU + Adenine medium

Peak area

Metabolite/Strain	+ Ade	+ Ade	+ Ade	+ Ade	+ Ade	+ Ade	Mean + Ade	SD + Ade	Unpaired t-Test WT vs mutant
ATP/WT	449.4	454.2	423.7	435.54	428.8	424	435.94	13.10	
ATP/ <i>npt1</i>	435.7	454.4	441.4	447.8	432	458	444.88	10.33	2.2E-01
ATP/ <i>kcs1</i>	949.7	922	873.8	959.4			926.23	38.37	5.1E-05
ATP/ <i>npt1 kcs1</i>	1141.9	1221.8	1037.4	1085			1121.53	79.33	3.5E-04

Metabolite/Strain	+ Ade	+ Ade	+ Ade	+ Ade	+ Ade	+ Ade	Mean + Ade	SD + Ade	Unpaired t-Test WT vs mutant
NAD ⁺ /WT	23.42	27.2	24.6	26.5	28.72	28.57	26.50	2.14	
NAD ⁺ / <i>npt1</i>	6.4	6.45	8.3	7.7	7.87	7.82	7.42	0.80	4.6E-07
NAD ⁺ / <i>kcs1</i>	34.99	39.9	36.4	36.22			36.88	2.11	1.7E-04
NAD ⁺ / <i>npt1 kcs1</i>	5.95	4.72	5.35	5.38			5.35	0.50	5.9E-07

Relative peak area (mean peak area from wild-type cells was set at 1 and used to calculate the relative peak areas)

Metabolite/Strain	+ Ade	+ Ade	+ Ade	+ Ade	+ Ade	+ Ade	Mean + Ade	SD + Ade	Unpaired t-Test WT vs mutant
ATP/WT	1.03	1.04	0.97	1.00	0.98	0.97	1.00	0.03	
ATP/ <i>npt1</i>	1.00	1.04	1.01	1.03	0.99	1.05	1.02	0.02	2.2E-01
ATP/ <i>kcs1</i>	2.18	2.11	2.00	2.20			2.12	0.09	5.1E-05
ATP/ <i>npt1 kcs1</i>	2.62	2.80	2.38	2.49			2.57	0.18	3.5E-04

Metabolite/Strain	+ Ade	+ Ade	+ Ade	+ Ade	+ Ade	+ Ade	Mean + Ade	SD + Ade	Unpaired t-Test WT vs mutant
NAD ⁺ /WT	0.88	1.03	0.93	1.00	1.08	1.08	1.00	0.08	
NAD ⁺ / <i>npt1</i>	0.24	0.24	0.31	0.29	0.30	0.30	0.28	0.03	4.6E-07
NAD ⁺ / <i>kcs1</i>	1.32	1.51	1.37	1.37			1.39	0.08	1.7E-04
NAD ⁺ / <i>npt1 kcs1</i>	0.22	0.18	0.20	0.20			0.20	0.02	5.9E-07

p>0.05
0.05<p>0.01
0.01<p>0.001
p<0.001