

Figure 5 G-L

ade16 ade17 ade8 his1 quadruple knock-out strain grown in SDcawU + Adenine ± external AICAR (24 h)

Peak area

	AICAR	AICAR	AICAR	AICAR	AICAR	AICAR	AICAR	AICAR	AICAR	AICAR
Metabolite	No	No	0.25 mM	0.25 mM	0.75 mM	0.75 mM	1 mM	1 mM	2 mM	2 mM
ZMP	ND	ND	14.1	13.6	37.9	39.2	53.1	54.8	96	94.8
SZMP	ND	ND	5.27	5.19	14.2	16.2	20.1	18.9	27.65	27.97
Kynurenine	0.267	0.27	0.425	0.404	0.572	0.592	0.689	0.68	1.013	1.01
3-OH-Kynurenine	0.033	0.015	0.077	0.073	0.131	0.128	0.152	0.14	0.293	0.268
3-OH-Anthranilate	0.015	0.008	0.018	0.015	0.037	0.033	0.055	0.053	0.097	0.075
Tryptophan	36.8	35.5	29.6	29	26.1	26.7	26.3	26.1	23.9	25.1

ND: non-detectable