

1 Supplementary Information for :

Native and synthetic methanol assimilation in

Saccharomyces cerevisiae

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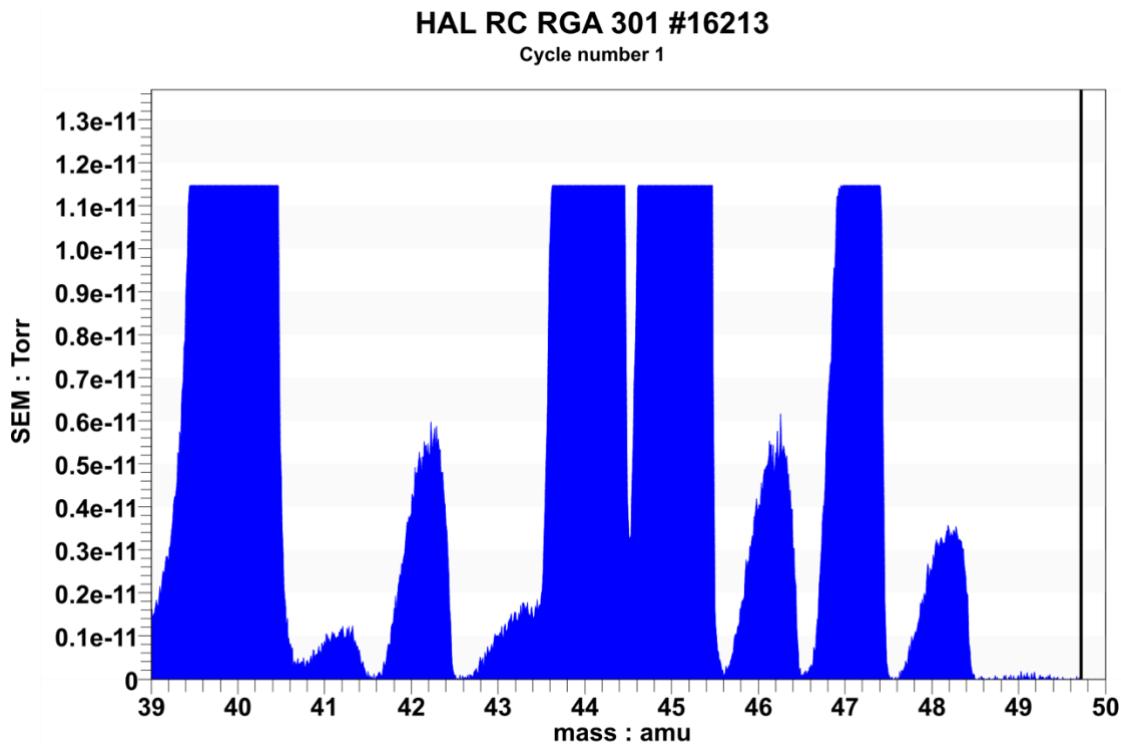
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17 **Supplementary Fig. 1. Profile MID Scan using the SEM detector of the Hiden HPR-20-QIC mass**
18 **spectrometer.** SEM detector showing the signal intensity for masses scanned between 39 and 50, ¹³C-
19 ethanol is detected at 47 and 48 amu.

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22 **Supplementary Table 1. Extracellular metabolite profiles of the wild-type and bacterial RuMP-**
23 **pTDH3-SFA1 strains.** HPLC analysis of extracellular metabolites detected glycerol and fumarate
24 throughout the fermentation. Concentrations are in micro molar and represent the average of two biological
25 replicates. Non-detectable (ND), *concentration at levels below the lower limit of quantification.

	Control					Bacterial RuMP-pTDH3-SFA1				
	0 hrs	11 hrs	17 hrs	20 hrs	34 hrs	0 hrs	11 hrs	17 hrs	20 hrs	34 hrs
Glycerol (μ M)	68.16*	154.98*	182.80	211.27	335.93	30.71*	59.59*	79.08*	86.20*	138.75*
Fumarate (μ M)	ND	ND	6.02 ⁻⁰¹ *	6.30 ⁻⁰¹ *	7.11 ⁻⁰¹ *	ND	ND	4.06 ⁻⁰¹	5.68 ⁻⁰¹	7.52 ⁻⁰¹

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