

Table S3. Parameters in YP medium containing mixed sugars with Glc at various temperatures under a shaking condition (160 rpm)

Medium	Temp (°C)	$\mu_{x/s}$ (h ⁻¹) at 12 h	γ_s (g/l h) at 12 h
YPDMan	30	1.08 ± 0.25	Glc 0.51 ± 0.12
			Man 0.10 ± 0.09
	37	1.00 ± 0.02	Glc 0.59 ± 0.04
			Man 0.23 ± 0.08
	40	0.20 ± 0.10	Glc 0.03 ± 0.07
			Man 0.02 ± 0.02
YPDGal	30	1.07 ± 0.20	Glc 0.72 ± 0.15
			Gal 0.01 ± 0.05
	37	1.03 ± 0.07	Glc 0.67 ± 0.11
			Gal 0.01 ± 0.01
	40	0.19 ± 0.10	Glc 0.08 ± 0.06
			Gal 0.01 ± 0.01
YPDXyl	30	1.06 ± 0.39	Glc 0.72 ± 0.31
			Xyl 0.02 ± 0.02
	37	0.95 ± 0.06	Glc 0.76 ± 0.10
			Xyl 0.08 ± 0.07
	40	0.19 ± 0.09	Glc 0.13 ± 0.09
			Xyl 0.03 ± 0.02
YPD Ara	30	1.02 ± 0.35	Glc 0.75 ± 0.22
			Ara 0.08 ± 0.09
	37	1.07 ± 0.04	Glc 0.75 ± 0.15
			Ara 0.00 ± 0.04
	40	0.22 ± 0.12	Glc 0.14 ± 0.03
			Ara 0.01 ± 0.01

$\mu_{x,s}$, Specific growth rate; γ_s , Specific sugar utilization rate; ±, S.D. from three independent experiments