

Supplementary Table 2. Enzymatic parameters of the four *B. subtilis* malic enzyme. K_m values are provided in mM, k_{cat} values in s^{-1} . The mean values and standard deviation were determined with at least 2 replicates.

Protein	Pyruvate ^a		NADH ^a		NADPH ^a		Malate ^b		NAD ^{+b}		NADP ^{+b}	
	K_m	k_{cat}	K_m	k_{cat}	K_m	k_{cat}	K_m	k_{cat}	K_m	k_{cat}	K_m	k_{cat}
MaeA	nd ^c	nd	nd	nd	nd	nd	1.55	54	2.80	3	0.055	4
MaIS	nd	nd	nd	nd	nd	nd	1.56	47	1.00	9	nd	nd
MleA	nd	nd	nd	nd	nd	nd	3.52	56	5.50	495	7.3	66
YtsJ	5.3±1.3	4.3±0.4	nd	nd	0.8±0.5	7.8±2.7	3.95	75	5.30	159	6.7	54

^a this study

^b Lerondel et al. (2006). The maximal deviation from the mean was less than 10%⁸.

^c not detected