

Additional file 13**Methionine salvage pathway in *Microcystis aeruginosa* PCC 7806**

Gene identifier	Gene name (a)	EC number	Putative gene product
<i>mic1437</i>	<i>metK</i>	EC: 2.5.1.6	S-adenosylmethionine synthetase
<i>mic8798</i>	<i>speD</i>	EC: 4.1.50	S-adenosylmethionine decarboxylase
<i>mic3610</i>	<i>speE</i>	EC: 2.5.1.16	spermidine synthase
<i>mic6534</i>	<i>mtnP</i>	EC: 2.4.2.28	5'-methylthioadenosine phosphorylase
<i>mic4478</i>	<i>mtnA</i>	EC: 5.3.1.23	methylthioribose-1-phosphate isomerase
<i>mic1285</i>	<i>mtnB</i>	EC: 4.2.1.109	methylthioribulose-1-phosphate dehydratase
<i>mic2991</i>	<i>mtnW</i>	EC: 3.1.3.77	2,3-diketo-5-methylthiopentyl-1-phosphate enolase
<i>mic2099</i>	<i>mtnX</i>	EC: 3.1.3.77	2-hydroxy-3-keto-5-methylthiopentenyl-1-phosphate phosphatase
<i>mic3733</i>	<i>mtnZ</i>	EC: 1.13.11.54	1,2-dihydroxy-3-keto-5-methylthiopentene dioxygenase
<i>mic4336</i>	<i>mtnE</i>	EC: 2.6.1.-	2-keto-4-methylthiobutyrate transferase

(a) Sekowska A, Dénervaud V, Ashida H, Michoud K, Hass D, Yokota A, Danchin A: **Bacterial variations on the methionine salvage pathway**. *BMC Microbiol* 2004, **4**:1-17