

1 **Table S3.** Summary of putative transcription site mapping. [Note that the published sequences  
2 need references added.]

Strain	Gene	Putative TS*	-35	-10
<i>M. trichosporium</i> OB3b	<i>pmoC</i>	-273	<b>TTGTCA</b>	AATGGTTG
	<i>pmoC</i>	-324	<b>TTGTGC</b>	TCCTACCC TA
	<i>mxoF</i>	-156	<b>CAGACA</b>	<b>TATATG</b>
	<i>faeI</i>	-214	<b>TTCGAT</b>	<b>TATAAT</b>
	<i>pqqA</i>	-90	<b>TTGCAC</b>	<b>GCTAAT</b>
<i>Methylocystis</i> sp. M <sup>1</sup>	<i>pmoC</i>		<b>TTGTCA</b>	GAATGGTT G
<i>M. extorquens</i> AM1 <sup>2</sup>	<i>mxoF</i>		<b>AAGACA</b>	<b>TAGAAA</b>
	<i>mxoW</i>		<b>TTGGCA</b>	ACCCAT
<i>E. coli</i> <sup>3</sup>	$\sigma 70$		<b>TTGACA</b>	<b>TATAAT</b>
	$\sigma 32$		TCTCNCCCTTGAA	
	$\sigma 54$		CTGGNA	TTGCA
	$\sigma 28$		CTAAA	CCGATAT

3 1 Holmes *et al.*, 1995 (see Ref)

4 2. Zhang, M., and Lidstrom, M.E. (2003) Microbiol 149:1033-40.

5 3. Harley, C.B., and Reynolds, R.P. 1987, Nucleic Acids Res. 11:2343-61

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1 **Table S4.** Summary of RNA-seq (Illumina) reads

	Reads Mapped		% of Reads Mapped	
	Replicate 1	Replicate 2	Replicate 1	Replicate 2
Coding sequences	3.652*10 <sup>6</sup>	1.546*10 <sup>6</sup>	13.3	5.44
Noncoding sequences	2.935*10 <sup>5</sup>	1.396.*10 <sup>5</sup>	1.07	0.49
rRNA	2.359*10 <sup>7</sup>	2.671*10 <sup>7</sup>	85.6	94.0
tRNA	7.937*10 <sup>3</sup>	4.095*10 <sup>3</sup>	0.029	0.0014

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4 **Table S5.** Genes removed from reference scaffold before alignment

Locus tag	Comment
METTOv1_1600001	chimeric sequence/ METTOv1_870001 and METTOv1_870003
METTOv1_820016	protein of unknown function
METTOv1_150030	protein of unknown function
METTOv1_300034	protein of unknown function/gltD operon
METTOv1_1650001	chimeric sequence/part of METATv1_30343 and METATv1_30340
METTOv1_140042	chimeric protein/part of METTOv1_140043
METTOv1_1700001	chimeric sequence/METTOv1_870001 and METTOv1_870003
METTOv1_10052	chimeric protein/part of METTOv1_10051
METTOv1_200054	chimeric protein/part of METTOv1_200053
METTOv1_600024	exported protein of unknown function
METTOv1_370034	protein of unknown function
METTOv1_200053	protein of unknown function
METTOv1_720016	protein of unknown function
METTOv1_450003	protein of unknown function
METTOv1_590015	protein of unknown function
METTOv1_360021	protein of unknown function
METTOv1_800023	protein of unknown function//part of transposase IS3/IS911

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METTOv1_760015	protein of unknown function
METTOv1_270007	protein of unknown function
METTOv1_210063	protein of unknown function
METTOv1_10194	protein of unknown function
METTOv1_200055	protein of unknown function
METTOv1_450005	protein of unknown function
METTOv1_1280001	protein of unknown function
METTOv1_1050002	protein of unknown function
METTOv1_160016	protein of unknown function
METTOv1_200057	protein of unknown function
METTOv1_260041	protein of unknown function
METTOv1_600022	exported protein of unknown function
METTOv1_870007	protein of unknown function
METTOv1_260040	protein of unknown function
METTOv1_90064	protein of unknown function
METTOv1_30137	exported protein of unknown function
METTOv1_590023	protein of unknown function
METTOv1_250030	protein of unknown function
METTOv1_360046	protein of unknown function
METTOv1_830011	protein of unknown function

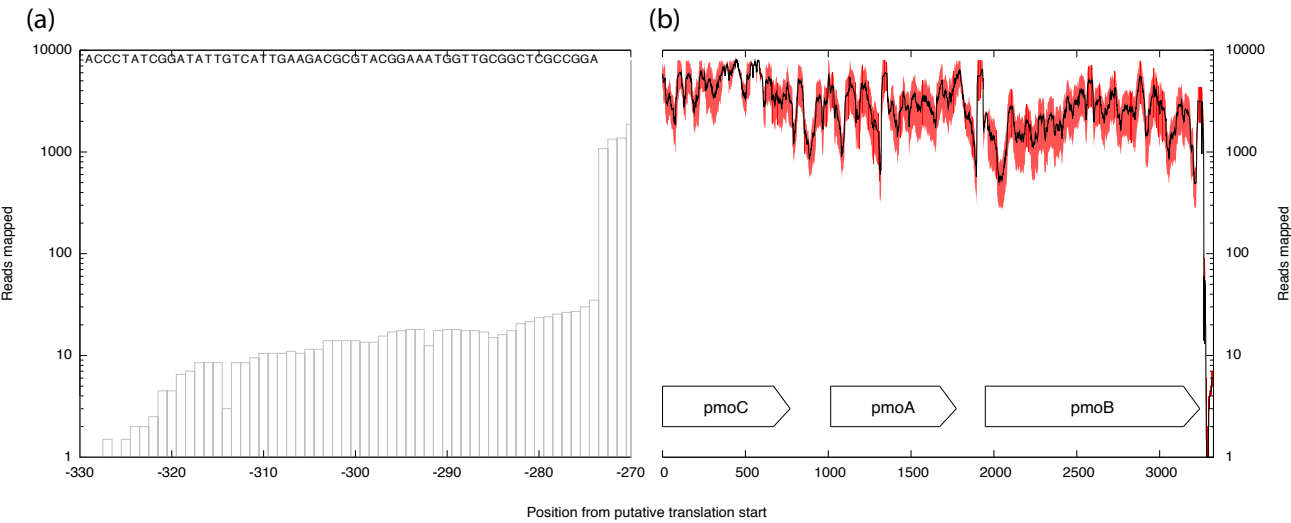
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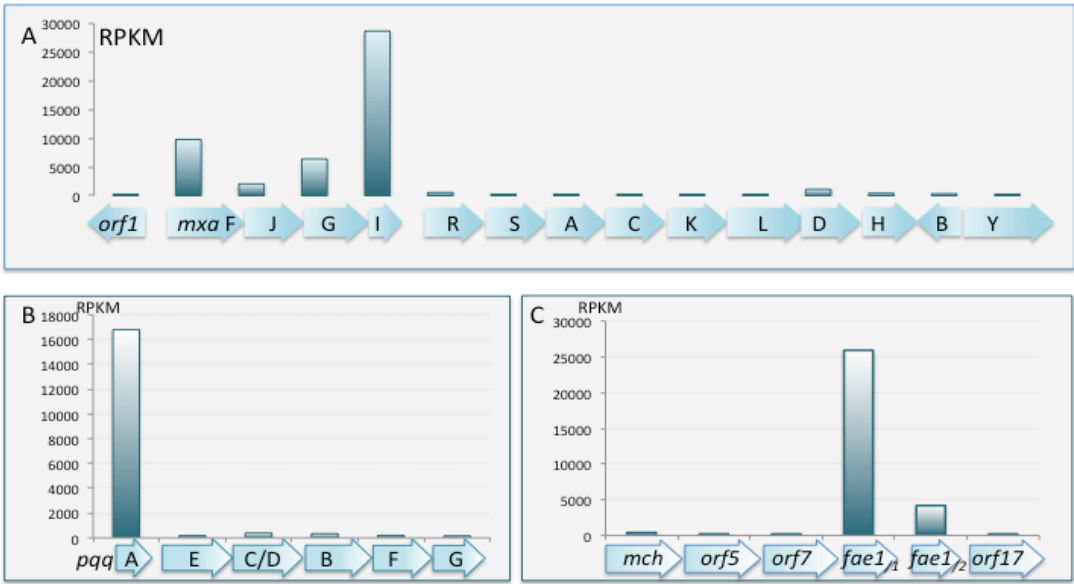
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1 Supplemental Figure S1



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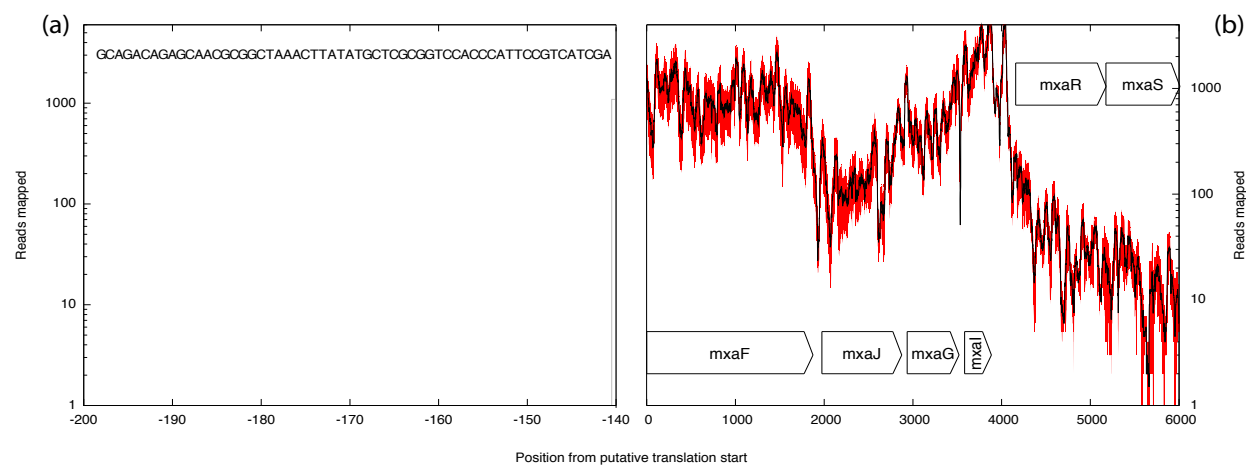
1 Supplemental Figure S2



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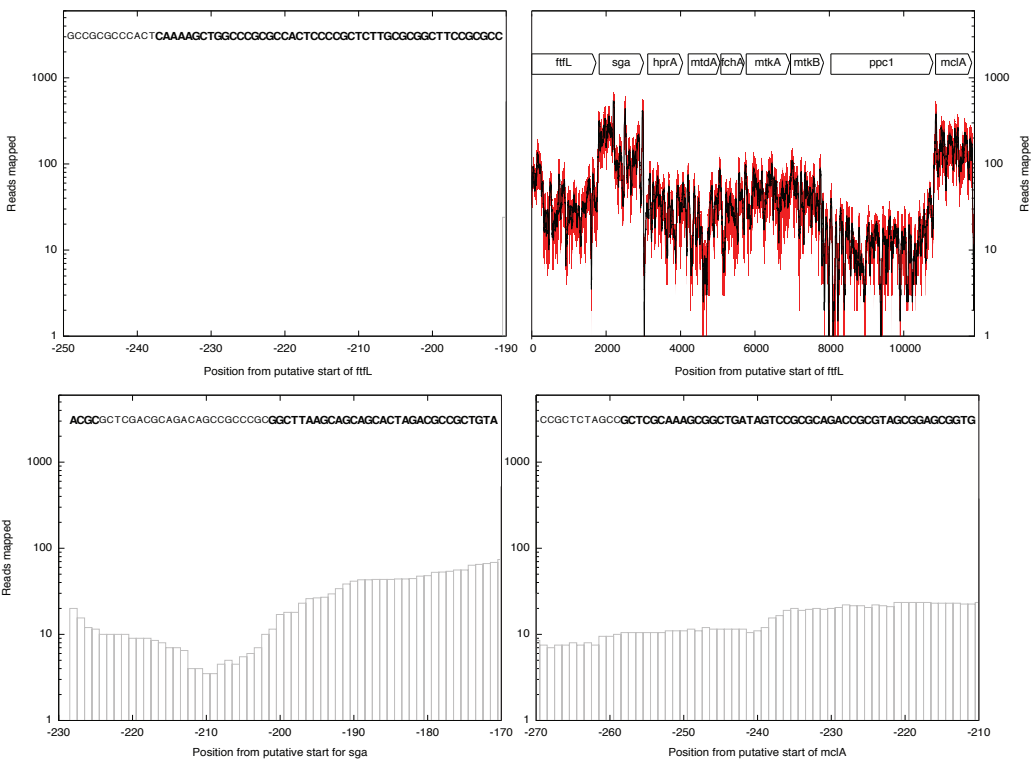
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1 Supplemental Figure S3

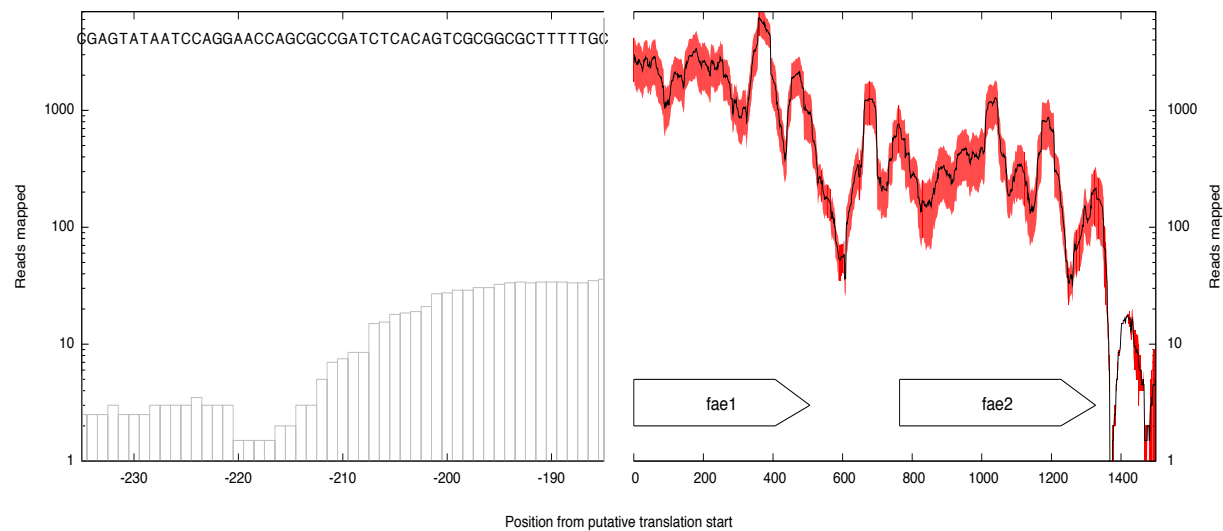


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1     Supplemental Figure S4



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2 Supplemental Figure S5



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