

Tab. S3: Oxalate metabolism of *M. extorquens* PA1 during colonization of the *A. thaliana* phyllosphere.

Locus-Tag	Annotation (Gene name)	log2 FC	p-value¹
Oxalate utilization			
Mext_1207	formyl-coenzyme A transferase	1.4	<0.01
Mext_1209	putative oxalyl-CoA decarboxylase	2.9	0.013
Mext_1212	major facilitator transporter	∞	only in planta
Mext_2958	oxidoreductase alpha (molybdopterin) subunit	1.5	<0.01
Oxalate assimilation in <i>M. extorquens</i> AM1			
Mext_2139	2-dehydropantoate 2-reductase (panE2)	-0.8	<0.01
Mext_2140	AMP-dependent synthetase and ligase (oxs)	-1.2	<0.01
Redox balance			
Mext_2759	NAD(P)(+) transhydrogenase (pntAA)	2.1	<0.01
Mext_2760	NAD(P) transhydrogenase subunit PntAB	2.4	<0.01
Mext_2761	NAD(P)(+) transhydrogenase (pntB)	1.6	<0.01
Periplasmic formate oxidation			
Mext_0389	molybdopterin oxidoreductase (fdh3A)	1.5	<0.01
Mext_0390	4Fe-4S ferredoxin (fdh3B)	1.0	<0.01
Mext_0391	formate dehydrogenase subunit gamma (fdh3C)	2.2	<0.01

¹ Benjamini-Hochberg corrected for multiple testing