

**Table S1.** Genes of PhyR, NepR and  $\sigma^{\text{Ec}fG1}$  regulons.

Accession <sup>a</sup>	Product <sup>b</sup>	Fold change phyROE/ $\Delta$ phyR <sup>c</sup>	Fold change nepR OE/WT <sup>c</sup>	Fold change $\Delta$ ecfG1/WT <sup>c</sup>
RMQ00044	MxaJ		4.67	
RMQ00070	putative carboxymethylenebutenolidase precursor	2.01	-3.35	
RMQ00080	conserved exported protein of unknown function	2.21		
RMQ00081	conserved exported protein of unknown function	2.05		
RMQ00096	not present in the current version of the genome		3.68	
RMQ00233	exported protein of unknown function	20.39		
RMQ00302	hypothetical protein		-2.67	
RMQ00306	conserved protein of unknown function		-3.24	-3.38
RMQ00307	molybdate transport protein (ABC superfamily, periplasmic binding protein)	2.61	-2.75	
RMQ00397	6-phosphogluconolactonase	2.24		
RMQ00462	putative ferredoxin; 4Fe-4S ferredoxin domain	2.27		
RMQ00481	conserved exported protein of unknown function	-3.44		
RMQ00491	3-methyl-2-oxobutanoate hydroxymethyltransferase	3.63		
RMQ00507	conserved protein of unknown function	4.29		
RMQ00525	heat shock protein DnaJ domain protein	2.28		
RMQ00598	conserved protein of unknown function	2.90		
RMQ00690	conserved protein of unknown function	13.42	-6.93	
RMQ00737	conserved exported protein of unknown function	4.59		
RMQ00842	putative alcohol dehydrogenase	3.56	-2.88	
RMQ01090	conserved protein of unknown function	22.76	-8.40	-7.35
RMQ01091	conserved protein of unknown function	4.37	-6.87	-2.90
RMQ01100	hypothetical protein		-2.67	
RMQ01108	hypothetical protein		-6.39	
RMQ01226	conserved protein of unknown function		-6.53	
RMQ01233	conserved protein of unknown function	2.19	-2.79	
RMQ01240	putative NAD-dependent alcohol dehydrogenase	3.48	-2.77	
RMQ01306	aldehyde oxidase, small subunit	3.94	-3.82	
RMQ01341	conserved protein of unknown function	3.38	-2.93	
RMQ01360	cobalamin synthase		2.78	
RMQ01385	conserved protein of unknown function	2.86		-3.40
RMQ01392	conserved protein of unknown function	3.14		
RMQ01397	conserved exported protein of unknown function	2.10	-2.75	
RMQ01469	conserved protein of unknown function	3.18	-2.95	
RMQ01535	conserved protein of unknown function	4.91	-3.65	
RMQ01575	lactoylglutathione lyase, homolog <i>gloA</i>	4.92	-3.65	-2.06
RMQ01613	conserved protein of unknown function	2.10		
RMQ01724	indole-3-glycerol phosphate synthase	2.51		
RMQ01745	conserved protein of unknown function	2.21		
RMQ01804	conserved membrane protein of unknown function		-2.73	
RMQ01837	transporter, hydrophobe/amphiphile efflux-1 (HAE1) family		-3.43	
RMQ01983	conserved protein of unknown function	4.27		
RMQ01992	conserved exported protein of unknown function	6.08	-3.21	
RMQ01993	putative short-chain dehydrogenase/reductase SDR	2.58	-2.65	
RMQ02025	conserved protein of unknown function	3.51		
RMQ02095	conserved protein of unknown function	2.12		
RMQ02125	conserved exported protein of unknown function	5.45		
RMQ02213	conserved membrane protein of unknown function		-7.21	
RMQ02236	conserved protein of unknown function,	2.69	-3.86	
RMQ02287	ATP-dependent urea carboxylase	2.08		
RMQ02294	hypothetical protein		-5.05	
RMQ02318	conserved protein of unknown function	2.29		
RMQ02358	hypothetical protein	2.63		
RMQ02426	conserved protein of unknown function		-4.00	
RMQ02551	cytochrome c SoxX precursor		2.85	

RMQ02552	sulfur oxidation protein SoxY precursor		3.64	
RMQ02553	sulfur oxidation protein, SoxZ		3.51	
RMQ02591	conserved exported protein of unknown function	3.43		
RMQ02643	flavoprotein WrbA		-2.80	
RMQ02661	conserved protein of unknown function	2.92	-2.78	
RMQ02662	citrate and C4-dicarboxylic acids transport protein (DAACS family)		-94.46	
RMQ02696	hypothetical protein		-7.09	
RMQ02712	conserved exported protein of unknown function	4.12	-3.07	
RMQ02752	conserved protein of unknown function n	3.94		
RMQ02783	conserved protein of unknown function		-5.20	
RMQ02810	putative UDP-glucose 4-epimerase		4.32	
RMQ02811	putative UDP-N-acetyl-D-mannosaminuronic acid dehydrogenase		4.63	
RMQ02863	conserved protein of unknown function		-4.24	
RMQ02886	conserved membrane protein of unknown function	18.57	-9.80	-7.26
RMQ02894	lactoylglutathione lyase, homolog <i>gloA</i>	6.12	-4.39	-2.69
RMQ02947	conserved membrane protein of unknown function	-2.65		
RMQ02981	fragment of component of DNA polymerase V, subunit C	2.01		
RMQ02984	conserved protein of unknown function	4.81	-3.43	
RMQ03023	conserved protein of unknown function	3.55		
RMQ03028	putative <i>nosX</i> precursor (nitrous oxide reductase)		3.42	
RMQ03030	not present in the current version of the genome		3.55	
RMQ03083	conserved exported protein of unknown function	5.28	-3.66	
RMQ03118	hypothetical protein	2.71		
RMQ03130	conserved exported protein of unknown function	3.29	-4.20	
RMQ03141	FAD-binding molybdopterin oxidoreductase, xanthine dehydrogenase family		-3.00	-2.48
RMQ03175	conserved exported protein of unknown function		9.25	
RMQ03181	hypothetical protein		-3.49	
RMQ03182	conserved protein of unknown function		-2.73	
RMQ03206	conserved protein of unknown function	2.59		
RMQ03219	intergenic region		6.06	
RMQ03299	hypothetical protein		-3.30	
RMQ03305	conserved membrane protein of unknown function	2.46		
RMQ03317	conserved exported protein of unknown function		2.53	
RMQ03446/RMQ10940	hypothetical protein		3.65	-2.13
RMQ03452	aldehyde dehydrogenase		2.59	
RMQ03453	putative methyl-accepting chemotaxis receptor/sensory transducer	-2.45		
RMQ03468	conserved exported protein of unknown function	4.78	-2.95	
RMQ03480	hypothetical protein		-4.25	
RMQ03481	hypothetical protein		-3.46	
RMQ03482	hypothetical protein		-2.59	
RMQ03504	conserved exported protein of unknown function	3.62		-2.22
RMQ03693	conserved protein of unknown function		-4.43	
RMQ03694	hypothetical protein		-3.59	
RMQ03702	putative alpha/beta hydrolase precursor	3.46	-3.18	
RMQ03741	putative ethanolamine ammonia-lyase light chain ( <i>eutC</i> -like)	2.10		
RMQ03785	conserved exported protein of unknown function	2.33		
RMQ03873	phage-related lysozyme (muramidase, endolysin)		-3.44	
RMQ03874	conserved protein of unknown function	3.06	-3.13	
RMQ03888	hypothetical protein	3.26		
RMQ04144	MxaS protein, involved in methanol oxidation		2.95	
RMQ04209	not present in the current version of the genome		13.03	
RMQ04256	Protein MoxR		4.08	
RMQ04294	hypothetical protein	2.49	-3.79	
RMQ04612	MxaH		2.72	
RMQ04652	putative General stress protein 26	3.77	-3.57	
RMQ04657	50S ribosomal subunit protein L34			2.14
RMQ04669	conserved protein of unknown function		-3.32	
RMQ04750	conserved exported protein of unknown function	3.00		
RMQ04755	conserved exported protein of unknown function	2.84	-3.01	
RMQ04760	conserved exported protein of unknown function	11.91	-5.37	
RMQ04786	conserved protein of unknown function	10.34	-6.31	
RMQ04838	conserved protein of unknown function		-2.93	
RMQ04913	conserved membrane protein of unknown function	2.84		

RMQ04997	putative glycosyl transferase	2.20		
RMQ04999	phytoene desaturase	2.23		
RMQ05003	conserved protein of unknown function	4.73	-4.82	-7.94
RMQ05011	conserved exported protein of unknown function		3.18	
RMQ05038	conserved protein of unknown function	2.26		
RMQ05040	conserved exported protein of unknown function	3.23		
RMQ05047	putative sucrose-phosphate synthase	15.88	-4.21	
RMQ05048	conserved exported protein of unknown function	10.10	-3.54	
RMQ05080	conserved exported protein of unknown function		2.57	
RMQ05082	putative metallo-beta-lactamase family protein		2.58	
RMQ05169	putative oxidoreductase, 2Fe-2S subunit, homolog <i>yagT</i>	10.52	-6.03	
RMQ05187	transposase of ISMex18, IS630 family		-2.63	
RMQ05201	putative hemolysin III, HlyIII family	2.68		
RMQ05207	putative glucokinase (glucose kinase)	2.68		
RMQ05214	conserved protein of unknown function	-2.00		
RMQ05231	hypothetical protein	2.08		
RMQ05258	Dps protein family, starvation-inducible DNA-binding protein	12.08	-7.66	-5.66
RMQ05266	MxaA protein		3.26	
RMQ05267	MxaL protein precursor		3.28	
RMQ05268	MxaD protein precursor		3.97	
RMQ05310	small heat shock protein	2.77		-2.38
RMQ05336	putative cytochrome P450 hydroxylase superfamily proteins	2.52		
RMQ05362	putative isomerase	2.63		
RMQ05378	conserved protein of unknown function	9.51	-7.29	
RMQ05440	protein CsaA	2.49		
RMQ05442	conserved protein of unknown function	9.16	-5.52	
RMQ05463	putative short-chain specific acyl-CoA dehydrogenase	2.71		
RMQ05500	putative NAD(FAD)-dependent oxidoreductase	3.45	-2.88	
RMQ05501	putative cytochrome P450 reductase	2.57		
RMQ05519	putative general stress protein, intracellular proteinase		-2.64	
RMQ05611	conserved protein of unknown function	2.27		
RMQ05758	conserved exported protein of unknown function	5.13	-3.37	
RMQ05759	conserved protein of unknown function	3.69	-4.40	
RMQ05823	H <sup>+</sup> /gluconate symporter family protein		-2.54	
RMQ05835	putative CsbD-like general stress response protein	6.32	-3.07	
RMQ05855	putative response regulator receiver (CheY-like protein)	4.59		
RMQ05890	conserved protein of unknown function		2.83	
RMQ05904	glycogen debranching enzyme, homolog <i>glgX</i>	6.99	-4.43	-4.19
RMQ05931	homolog of <i>moxR</i>	2.09		
RMQ05963	conserved exported protein of unknown function		-2.58	
RMQ05964	methanol dehydrogenase subunit 2 precursor (MDH small beta subunit)		5.74	
RMQ05965	cytochrome c-L precursor.		3.73	
RMQ05966	methanol dehydrogenase subunit 1 precursor (MDH large alpha subunit)		3.94	
RMQ05968	homolog <i>copZ</i> ; heavy metal transport/detoxification protein	2.42		
RMQ06017	putative short-chain dehydrogenase/reductase SDR		-2.98	-5.32
RMQ06018	zinc-containing alcohol dehydrogenase	8.38	-5.28	
RMQ06097	inositol-3-phosphate synthase			-5.06
RMQ06119	conserved exported protein of unknown function		-3.73	
RMQ06199	putative ethyl tert-butyl ether degradation EthD	4.13	-2.79	
RMQ06200	conserved protein of unknown function	3.20	-2.72	
RMQ06202	conserved exported protein of unknown function		2.59	
RMQ06210	hypothetical protein; putative membrane protein; putative signal peptide	12.88	-7.22	-3.76
RMQ06253	conserved exported protein of unknown function		2.81	
RMQ06268	conserved membrane protein of unknown function	6.52	-3.50	
RMQ06294	acyl-CoA dehydrogenase	-2.01		
RMQ06296	putative general secretory pathway protein K	2.83		
RMQ06350	conserved protein of unknown function		-3.64	
RMQ06351	conserved exported protein of unknown function	8.19	-4.09	
RMQ06376	conserved exported protein of unknown function		2.86	
RMQ06387	conserved exported protein of unknown function	2.16		
RMQ06389	conserved protein of unknown function	3.01		
RMQ06428	putative homoserine O-succinyltransferase ( <i>metA</i> )		4.18	
RMQ06473	exported protein of unknown function			-2.89

RMQ06481	MxB		2.72	
RMQ06496	intergenic region		2.61	
RMQ06545	conserved protein of unknown function	3.36		
RMQ06593	ribonuclease BN		-2.86	
RMQ06609	conserved protein of unknown function	3.21		
RMQ06676	glucose-6-phosphate 1-dehydrogenase (G6PD)	3.34	-3.43	
RMQ06685	conserved exported protein of unknown function	4.60	-2.54	
RMQ06706	putative glutathione S-transferase	4.69	-3.22	-2.21
RMQ06759	conserved protein of unknown function	2.01		
RMQ06760	OsmC/Ohr family	11.28	-6.03	
RMQ06780	carbonic anhydrase	2.69		
RMQ06786	conserved protein of unknown function		3.02	
RMQ06868	(S)-2-haloacid dehalogenase IVA	3.30	-3.04	
RMQ06939	membrane protein of unknown function	3.03		
RMQ06958	malyl-CoA lyase, beta-methylmalyl-CoA lyase	2.05		
RMQ06981	conserved protein of unknown function	2.11		
RMQ06982	chaperone Hsp70	2.47		
RMQ06983	upstream RMQ06982	3.22		
RMQ07012	putative alpha-amylase-related protein;	4.09	-4.45	
RMQ07013/RMQ11793	putative glycosyl hydrolase (modular protein), homolog <i>malQ</i>	2.94	-2.72	-2.20
RMQ07043	conserved exported protein of unknown function	8.90	-4.84	
RMQ07050	conserved exported protein of unknown function	7.19	-2.54	
RMQ07057	putative oxidoreductase with molybdenum-binding domain; <i>yagR</i> homolog	7.27	-4.02	
RMQ07088	manganese catalase		-2.61	
RMQ07135	conserved exported protein of unknown function	2.35		
RMQ07136	putative HAD-superfamily hydrolase, subfamily IA, variant 1	2.62	-2.55	
RMQ07142/RMQ11717	PQQ-dependent aldose sugar dehydrogenase precursor ( <i>asd</i> ), signal peptide	2.90	-3.09	-2.66
RMQ07147	conserved protein of unknown function	3.21		
RMQ07236	hypothetical protein	4.43		
RMQ07291	two component sensor histidine kinase, RegS	2.50		
RMQ07349	conserved protein of unknown function	2.02		
RMQ07364	conserved exported protein of unknown function	6.11	-3.58	
RMQ07462	conserved protein of unknown function	8.54		
RMQ07560	putative oxidoreductase with molybdenum-binding domain; <i>yagR</i> homolog	7.02	-5.60	-4.23
RMQ07561	putative homolog <i>yagS</i> ; oxidoreductase, with FAD-binding domain		-3.53	
RMQ07562	putative homolog <i>yagT</i> ; oxidoreductase, 2Fe-2S subunit	2.38		
RMQ07637	conserved protein of unknown function	10.13	-4.25	
RMQ07641	conserved protein of unknown function	11.43	-16.44	-4.15
RMQ07715	conserved protein of unknown function		-2.97	
RMQ07749	protein of unknown function	5.77		
RMQ07760	conserved protein of unknown function	2.08		
RMQ07767	putative 3-ketoacyl-acyl carrier protein reductase	5.56	-4.27	
RMQ07799	putative glucose dehydrogenase, NAD(P)-binding domain	3.61	-5.07	-8.63
RMQ07805	putative conserved oxidoreductase, Zn-dependent and NAD(P)-binding		-3.24	
RMQ07827	conserved protein of unknown function	3.40		
RMQ07854	hypothetical protein	3.05		
RMQ07859	conserved protein of unknown function	4.75	-3.88	
RMQ07890	putative glycoside hydrolase	5.41	-3.30	
RMQ07946	putative sulfite oxidase cytochrome subunit ( <i>SoxD</i> )		3.02	
RMQ07947	sulfite oxidase precursor		3.30	
RMQ07949	sulfur/thiosulfate oxidation protein SoxB		3.17	
RMQ07950	di-heme cytochrome c, sulfur oxidizing protein SoxA		3.38	
RMQ08015	conserved protein of unknown function	4.48	-7.75	
RMQ08023	conserved membrane protein of unknown function	2.26		
RMQ08034	conserved exported protein of unknown function		-3.36	
RMQ08055	transposase of ISMex39, IS21 family (ORF 1)	3.99		
RMQ08101	conserved protein of unknown function	3.42		
RMQ08114	intergenic region	-2.32		
RMQ08139	putative regulatory protein, Crp/Fnr family of transcriptional regulators	24.56	-6.36	-10.18
RMQ08147	ECF sigma factor, $\sigma^{\text{EdG1}}$			-11.30
RMQ08162	intergenic region	3.04		
RMQ08181	conserved exported protein of unknown function	3.92		
RMQ08196	conserved exported protein of unknown function	4.50	-5.03	

RMQ08197	hypothetical protein	10.47		
RMQ08198	PhyR	186.10		
RMQ08214	conserved protein of unknown function	4.05	-2.75	
RMQ08235	conserved protein of unknown function	6.73	-3.69	
RMQ08244	conserved protein of unknown function		2.76	
RMQ08277	putative response regulator, CheY- like and LuxR domain		2.63	
RMQ08341	putative transcriptional regulator MucR	-2.57		
RMQ08351	putative ECF sigma factor		3.06	
RMQ08352	conserved protein of unknown function		2.73	
RMQ08370	hypothetical protein; putative exported protein	2.11		
RMQ08447	hypothetical protein	3.94	-3.38	
RMQ08448	intergenic region		-3.89	
RMQ08453	conserved protein of unknown function		-2.96	
RMQ08497	conserved protein of unknown function	-3.92		
RMQ08560	conserved membrane protein of unknown function	16.16	-4.22	
RMQ08624	putative maltooligosyltrehalose trehalohydrolase	5.92	-3.45	-3.06
RMQ08625	conserved protein of unknown function		2.98	
RMQ08659	conserved protein of unknown function	4.97		
RMQ08660	conserved exported protein of unknown function	4.02		
RMQ08663	conserved protein of unknown function	2.29		
RMQ08668	conserved protein of unknown function	10.75	-4.26	
RMQ08674	conserved exported protein of unknown function		-3.12	
RMQ08723	hypothetical protein	4.72		
RMQ08756	intergenic region	2.15		
RMQ08772	cytochrome c	2.29		
RMQ08861	conserved exported protein of unknown function	14.14	-5.68	-4.41
RMQ08870	conserved protein of unknown function		-3.27	
RMQ08960	conserved membrane protein of unknown function		-3.86	
RMQ08994	conserved protein of unknown function	5.01		
RMQ09032	protein of unknown function	7.63		
RMQ09041	intergenic region	4.61	-2.77	
RMQ09049	putative prokaryotic transcription elongation factor GreA/GreB	9.57	-3.77	-2.52
RMQ09058	conserved protein of unknown function	5.57		
RMQ09060	putative serine protease, <i>htrA</i> -like	3.54	-2.62	
RMQ09061	putative RNA polymerase ECF-type sigma factor	2.65		
RMQ09070	conserved exported protein of unknown function	2.21		
RMQ09084	intergenic region	-2.48		
RMQ09144	conserved protein of unknown function	11.11	-4.54	
RMQ09333	conserved protein of unknown function	2.54		
RMQ09336	conserved exported protein of unknown function		-7.83	
RMQ09337	putative TonB-dependent siderophore receptor		-23.95	
RMQ09338	conserved protein of unknown function	3.72	-2.61	
RMQ09362	conserved exported protein of unknown function	5.05		
RMQ09396	hypothetical protein; putative exported protein;	-2.10		
RMQ09432	RMQ02068, opposite		3.12	
RMQ09450	conserved protein of unknown function	5.70	-3.33	-2.25
RMQ09476	intergenic region	-2.64		
RMQ09483	conserved exported protein of unknown function	2.10		
RMQ09517	conserved membrane protein of unknown function		-2.59	
RMQ09532	conserved protein of unknown function	4.19	-2.78	
RMQ09549	Catalase, <i>katE</i>	10.24	-7.39	-7.88
RMQ09560	hypothetical protein	3.76		-2.30
RMQ09562	hypothetical protein	2.58		
RMQ09593	mechanosensitive channel	5.14	-4.42	
RMQ09662	intergenic region	-2.16		
RMQ09670	conserved exported protein of unknown function	2.28		
RMQ09676	conserved exported protein of unknown function		-2.77	
RMQ09694	conserved exported protein of unknown function	2.43	-3.32	
RMQ09695	conserved protein of unknown function	2.36	-2.77	
RMQ09700	conserved exported protein of unknown function		3.96	
RMQ09746	intergenic region	-2.64		
RMQ09748	intergenic region	-2.26		
RMQ09759	1,4-alpha-glucan-branching enzyme, glycogen synthesis	3.73		

RMQ09763	hypothetical protein; putative exported protein	3.41		
RMQ09764	conserved protein of unknown function	4.28		
RMQ09773	hypothetical protein	2.44		
RMQ09869	conserved exported protein of unknown function		55.60	
RMQ10020	conserved protein of unknown function	6.46		-3.08
RMQ10072	dehydrogenase DhgA	3.41		-2.60
RMQ10186	conserved protein of unknown function			2.78
RMQ10187	conserved protein of unknown function			2.76
RMQ10192	hypothetical protein	3.64		
RMQ10257	conserved protein of unknown function	3.97		-3.50
RMQ10327	conserved protein of unknown function	4.28		-3.02
RMQ10363	hypothetical protein	-2.12		
RMQ10447	hypothetical protein			-3.18
RMQ10448	conserved protein of unknown function	2.38		-5.23
RMQ10449	hypothetical protein			-3.82
RMQ10450	intergenic region			-6.72
RMQ10452	hypothetical protein			-5.07
RMQ10453	hypothetical protein			-5.26
RMQ10454	hypothetical protein			-4.05
RMQ10455	hypothetical protein	2.32		-4.82
RMQ10456	intergenic region			-8.80
RMQ10457	hypothetical protein			-6.84
RMQ10459	hypothetical protein			-3.32
RMQ10463	intergenic region			-4.06
RMQ10465	hypothetical protein			-4.20
RMQ10469	hypothetical protein			-2.51
RMQ10470	hypothetical protein			-2.60
RMQ10471	hypothetical protein			-3.87
RMQ10472	phage-type terminase, large subunit, PBSX			-3.23
RMQ10473	HNH endonuclease family protein			-3.64
RMQ10474	hypothetical protein			-3.53
RMQ10475	conserved protein of unknown function			-3.78
RMQ10477	hypothetical protein			-2.77
RMQ10478	hypothetical protein			-3.06
RMQ10479	conserved protein of unknown function			-4.30
RMQ10480	hypothetical protein			-3.33
RMQ10481	hypothetical protein			-4.42
RMQ10482	conserved protein of unknown function			-3.03
RMQ10483	conserved protein of unknown function			-3.41
RMQ10484	hypothetical protein			-2.88
RMQ10487	intergenic region			-4.18
RMQ10592	not present in the current version of the genome			4.76
RMQ10593	not present in the current version of the genome			37.70
RMQ10620	putative transcriptional regulator, AraC family	3.75		
RMQ10624	conserved protein of unknown function	2.06		
RMQ10652	hypothetical protein			-2.53
RMQ10695	not present in the current version of the genome			6.16
RMQ10772	not present in the current version of the genome			-2.01
RMQ10805	not present in the current version of the genome	3.71		
RMQ10875	transposase of ISMex4, IS1380 family	2.86		
RMQ10891	putative oxidoreductase, aldo/keto reductase precursor			-2.62
RMQ10892	not present in the current version of the genome			4.83
RMQ10988	DNA excision repair enzyme subunit, with UvrBC	2.17		
RMQ11017	putative MscS mechanosensitive ion channel			-3.26
RMQ11238	putative 2-hydroxy-3-oxopropionate reductase, homolog <i>garR</i>	3.00		-2.84
RMQ11282	conserved exported protein of unknown function			-3.55
RMQ11337	quinoprotein ethanol dehydrogenase precursor (QEDH)			2.76
RMQ11357	conserved protein of unknown function	5.70		-11.83
RMQ11468	putative oxidoreductase, xanthine dehydrogenase, FAD-binding subunit			-3.14
RMQ11528	pyruvate dehydrogenase/oxidase: FAD- and thiamin PPI-binding, <i>poxB</i>	3.07		-5.97
RMQ11705	intergenic region	-2.37		
RMQ11744	conserved protein of unknown function	2.96		-2.63
RMQ11764	conserved exported protein of unknown function	47.97		-9.93

RMQ11768	RMQ11766, opposite	5.71	-4.24	
RMQ11788	conserved protein of unknown function		-3.81	
RMQ11790	conserved exported protein of unknown function	2.70		
RMQ11817	intergenic region		-2.71	
RMQ11831	conserved exported protein of unknown function		-3.10	
RMQ11895	conserved protein of unknown function	3.06		
RMQ12010	putative RNA polymerase sigma 32 subunit, RpoH, stress response sigma factor	8.96	-4.31	-7.98
RMQ12024	conserved protein of unknown function		-4.36	
RMQ12094	conserved protein of unknown function	8.09	-5.63	
RMQ12134	conserved protein of unknown function	4.17		
RMQ12156	conserved exported protein of unknown function	3.41	-2.77	
RMQ12169/RMQ05822	putative molybdopterin binding, CinA-related	3.98	-2.89	
RMQ12197	putative xenobiotic reductase, homolog <i>xenA</i>	3.26		
RMQ12224	conserved protein of unknown function	22.37	-6.01	-7.80
RMQ12261	intergenic region	-2.58		
RMQ12283	conserved protein of unknown function	13.72	-4.61	
RMQ12284	intergenic region	7.81	-3.53	
RMQ12326	conserved protein of unknown function	2.60		
RMQ12328	MxaC protein		3.86	
RMQ12329	MxaK protein precursor		3.67	
RMQ12330	MxaE		3.05	
RMQ12368	conserved exported protein of unknown function	13.55	-3.02	
RMQ12453	conserved exported protein of unknown function	9.77	-4.64	-4.54
RMQ12467	putative oxidoreductase with molybdenum-binding domain; <i>yagR</i> homolog		-2.89	
RMQ12639	conserved protein of unknown function		-2.70	
RMQ12645	intergenic region		-2.58	
RMQ12685	putative asparagine synthase, glutamine-hydrolyzing	2.33	-3.31	
RMQ12782	conserved protein of unknown function	3.15		
RMQ12793	NepR		190.20	-5.28
RMQ12794	conserved exported protein of unknown function	22.28		
RMQ12933	conserved protein of unknown function		-3.84	
RMQ12963	hypothetical protein		-5.63	
RMQ12964	intergenic region		-7.11	
RMQ15762	coenzyme PQQ synthesis protein A		3.31	

- a. In cases several probes corresponded to the same genes, they are indicated as the same entry and different colors are used to indicate fold change throughout the different experiments.
- b. Annotations are based on the current unpublished version of the genome.
- c. Average changes in three experiments. If the fold change is less than 1, the opposite of inverse ratio is indicated