

**Table S5. Comparison of real-time qPCR to microarray results**

ORF	Gene	Category	Microarray Ratio* ( <i>rpoS</i> E/ Wt E)	qPCR Ratio* ( <i>rpoS</i> E/Wt E)	Microarray Ratio* ( <i>rpoS</i> PE/Wt PE)	qPCR Ratio* ( <i>rpoS</i> PE/Wt PE)
<i>lpg0490</i>	<i>argR</i>	Transcription Regulator	3.80	1.29	-1.08	-2.31
<i>lpg1135</i>		Transcription Regulator	0.90	-0.50	-3.30	-3.40
<i>lpg1292</i>	<i>pmrA</i>	Two-component DNA-Binding	-0.94	0.81	-2.14	-3.93
<i>lpg1340</i>	<i>fliC</i>	Motility	2.00	0.70	-2.00	-5.50
<i>lpg1355</i>	<i>sidG</i>	Icm/Dot Translocated	-1.70	0.79	-5.52	-7.95
<i>lpg1438</i>	<i>cpxR</i>	Two-component DNA-Binding	-2.43	ND	-2.57	-1.24
<i>lpg1950</i>	<i>ralF</i>	Icm/Dot Translocated	-0.29	-1.04	-2.96	-6.60
<i>lpg2157</i>	<i>sdeA</i>	Icm/Dot Translocated	0.17	0.55	-3.27	-6.20
<i>lpg2181</i>		Two-component receiver	1.00	-0.30	-5.60	-5.90
<i>lpg2409</i>	<i>ceg29</i>	Icm/Dot Translocated	2.99	2.57	1.38	4.46
<i>lpg2720</i>	<i>legN</i>	Icm/Dot Translocated	0.77	0.85	-6.16	-6.03
<i>lpg2793</i>	<i>lepA</i>	Icm/Dot Translocated	2.10	2.27	-0.75	ND
<i>lpg2829</i>	<i>sidH</i>	Icm/Dot Translocated	-3.07	ND	-5.16	-5.11

\* log<sub>2</sub> Ratio