

**Supplementary Table 3.** Differential expression of transcriptional regulators identified by RNAseq.

<b>Gene ID</b>	<b>Log<sub>2</sub>FoldChange</b> <b>(<i>ΔluxS</i>/Wild type)</b>	<b>Significance</b>
HP1021	-1.4661	TRUE
Fur(HP1027)	-0.8380	TRUE
HP0564	-0.8293	TRUE
CheY(HP1067)	-0.3501	FALSE
HP0222	-0.2007	FALSE
FlgR(HP0703)	-0.1540	FALSE
FliA(HP1032)	-0.1357	FALSE
CrdR(HP1365)	-0.0988	FALSE
RpoD(HP0088)	-0.0968	FALSE
NikR(HP1338)	-0.0105	FALSE
ArsR(HP0166)	0.1556	FALSE
Hup(HP0835)	0.1783	FALSE
HsrA(HP1043)	0.2946	FALSE
HspR(HP1025)	0.6418	FALSE
HrcA(HP0111)	0.7870	TRUE
RpoN(HP0714)	1.8690	TRUE

True represents statistically significant with  $p$  value  $< 0.05$ , false represents statistically non-significant.