

**S9 Table: MANOVA output for influence of infection intensity on metabolite profiles**

Variable	F value	Hypothesis/ Total df	Error df	Partial Eta-squared	p-value
<b>Model with all metabolites (n=56)</b>					
Intercept	0.309	56	26	0.399	1.000
Infection intensity (log transformed egg count +1)	2.729	56	26	0.855	0.003
<b>Equation: Intercept + Infection intensity (log (x+1) transformed)</b>					
<b>Model using data for significant metabolites from OPLSDA for infection (n=4)</b>					
Intercept	0.586	4	78	0.29	0.674
Infection intensity (log transformed egg count +1)	5.178	4	78	0.21	0.001
<b>Equation: Intercept + Infection intensity (log (x+1) transformed)</b>					

*df, degrees of freedom.*