

**Additional file 2. Summary of ANCOVA results for total spore production for datasets with either of the Pendek or Pc38 host genotypes excluded.**

	Pendek38 excluded				Pendek excluded			
<b>Source</b>	<b>DF</b>	<b>Type II SS</b>	<b>F</b>		<b>DF</b>	<b>Type II SS</b>	<b>F</b>	
Block	1	2.747	7.733	***	1	2.882	7.890	***
Pathogen	4	3.965	2.790	*	4	4.026	2.755	*
Whole plot error	44	15.630	2.664	*	44	15.343	4.951	*
Inoculum dose	1	0.538	4.032		1	0.304	4.120	
Host	3	2.700	6.748	***	3	2.695	12.173	***
Pathogen * Host	12	1.332	0.832		12	2.676	3.022	*
Split plot error	12	1.600			13	0.959		

Both the response variable, total spore production (mg per cm<sup>2</sup> of leaf tissue) and the covariate, inoculum dose (spores deposited per cm<sup>2</sup>), were log transformed.

Asterisks indicate significance at  $p < 0.05$ , 0.01, and 0.001, respectively.

Significance of model effects do not differ from the full model with all 5 host lines included (Table 3).