

Table S1. Overview of pig samples included in the study

Pig no.	Time post infection	Serotype	Bacteria cultivated from lung
33	6	Ap6	<i>A. pleuropneumoniae</i> serotype 6 in mixed culture with contaminating flora
36	6	Ap6	<i>A. pleuropneumoniae</i> serotype 6 in mixed culture with <i>S. suis</i> serotype 7
38	12	Ap6	<i>A. pleuropneumoniae</i> serotype 6 in pure culture
39*	12	Ap6	<i>A. pleuropneumoniae</i> serotype 6 in mixed culture with contaminating flora
40	12	Ap6	<i>A. pleuropneumoniae</i> serotype 6 in mixed culture with <i>S. suis</i> serotype 7 and <i>P. multocida</i>
43*	24	Ap6	<i>A. pleuropneumoniae</i> serotype 6 in pure culture
46	24	Ap6	<i>A. pleuropneumoniae</i> serotype 6 in pure culture
48	24	Ap6	<i>A. pleuropneumoniae</i> serotype 6 in pure culture
50	48	Ap6	<i>A. pleuropneumoniae</i> serotype 6 with non-haemolytic <i>E. coli</i> and <i>S. suis</i> serotype 8.
51	48	Ap6	<i>P. multocida</i> and <i>S. suis</i> serotype 7 in mixed culture, PCR proved presence of <i>A. pleuropneumoniae</i> serotype 6
54	48	Ap6	<i>A. pleuropneumoniae</i> serotype 6, in mixed culture with <i>P. multocida</i> and <i>S. suis</i> serotype 8
55	6	Ap2	<i>A. pleuropneumoniae</i> serotype 2, in mixed culture with <i>P. multocida</i>
56	6	Ap2	<i>A. pleuropneumoniae</i> serotype 2, in mixed culture with <i>P. multocida</i>
57	6	Ap2	<i>A. pleuropneumoniae</i> serotype 2, in mixed culture with <i>P. multocida</i>
58	6	Ap2	<i>A. pleuropneumoniae</i> serotype 2, in mixed culture with <i>P. multocida</i>
59	6	Ap2	<i>A. pleuropneumoniae</i> serotype 2, in mixed culture with <i>P. multocida</i>
60	12	Ap2	<i>A. pleuropneumoniae</i> serotype 2, in mixed culture with <i>P. multocida</i>
62	12	Ap2	<i>A. pleuropneumoniae</i> serotype 2, in mixed culture with <i>P. multocida</i>
66	12	Ap2	<i>A. pleuropneumoniae</i> serotype 2, in mixed culture with <i>P. multocida</i>
67	24	Ap2	<i>A. pleuropneumoniae</i> serotype 2 in mixed culture with non-hemolytic <i>E. coli</i> and <i>P. multocida</i>
69	24	Ap2	<i>A. pleuropneumoniae</i> serotype 2, in mixed culture with <i>P. multocida</i>
70	24	Ap2	<i>A. pleuropneumoniae</i> serotype 2, in mixed culture with <i>P. multocida</i>
71	24	Ap2	<i>A. pleuropneumoniae</i> serotype 2 in mixed culture with <i>P. multocida</i> and <i>S. suis</i>
72*	24	Ap2	<i>A. pleuropneumoniae</i> serotype 2 in pure culture
73	48	Ap2	<i>A. pleuropneumoniae</i> serotype 2 in mixed culture with <i>P. multocida</i>
75	48	Ap2	<i>A. pleuropneumoniae</i> serotype 2 in mixed culture with non-hemolytic <i>E. coli</i> , <i>P. multocida</i>
76	48	Ap2	<i>A. pleuropneumoniae</i> serotype 2 in mixed culture with <i>P. multocida</i> and <i>S. suis</i>
78	48	Ap2	<i>A. pleuropneumoniae</i> serotype 2 in mixed culture with <i>P. multocida</i>

*Samples excluded from the array analysis due to lack of hybridization signal.