

Supplementary Table S6

TABLE S6: Agent levels of *Aphanomyces astaci* in individuals of *Pacifastacus leniusculus* used in the experiment. The agent level categories (A0-A5; Vrålstad et al. 2009) are based on DNA copy numbers or PFU (PCR forming units) obtained from qPCR analysis of signal crayfish tissue samples. The same individuals were involved in different treatments during the experiment, and the analytical result for one individual will therefore appear several times in the table. The table shows that all but one tank had *A. astaci* infected individuals. The last column lists eDNA presence/absence for *A. astaci* in the tanks (ddPCR and qPCR).

Tank	Treatment	# <i>P. len</i> in tank	# <i>P. len</i> analysed	# positive <i>P. len</i>	% positive <i>P. len</i>	A0	A1	A2	A3	A4	A5	<i>A. ast</i> eDNA ddPCR/qPCR
B5	20 °C, NoFood	2	1/2	1/1	100	0	0	0	1	0	0	-/+
B12	20 °C, Food	2	1/2	0/1	0	0	0	0	0	0	0	-/-
B13	20 °C, Food	20	11/20	9/11	82	2	0	4	5	0	0	-/-
C13	20 °C, NoFood	20	13/20	11/13	85	1	1	4	6	0	0	-/-
B5	20 °C, NoFood	20	11/20	9/11	82	2	0	2	6	0	1	+/+
B12	20 °C, Food	20	11/20	9/11	82	2	0	5	4	0	0	+/+
B13	20 °C, Food	2	2/2	2/2	100	0	0	1	1	0	0	+/+
C13	20 °C, NoFood	2	2/2	1/2	50	0	1	0	1	0	0	-/+
B5	20 °C, Food	2	2/2	1/2	50	0	0	0	1	0	0	-/-
B12	20 °C, NoFood	20	10/20	8/10	80	2	0	4	2	1	1	+/+
B13	20 °C, NoFood	2	1/2	1/1	100	0	0	1	0	0	0	-/-
C13	20 °C, Food	20	12/20	10/12	83	2	0	2	8	0	0	-/-
B5	10 °C, NoFood	20	12/20	10/12	83	2	0	2	6	1	1	+/+
B12	10 °C, Food	20	13/20	10/13	77	3	0	5	5	0	0	+/+
B13	10 °C, Food	2	1/2	1/1	100	0	0	1	0	0	0	+/+
C13	10 °C, NoFood	2	1/2	1/1	100	0	0	0	1	0	0	+/+
B5	10 °C, Food	20	11/20	7/11	64	4	0	4	3	0	0	+/+
B12	10 °C, NoFood	2	0/2	NA	NA	NA	NA	NA	NA	NA	NA	+/+
B13	10 °C, Food	2	2/2	1/2	50	1	0	0	1	0	0	+/+
C13	10 °C, NoFood	20	6/20	6/6	100	0	0	1	5	0	0	+/+
B5	10 °C, NoFood	2	2/2	1/2	50	0	0	1	0	0	0	+/+
B12	10 °C, NoFood	20	8/20	7/8	88	1	0	3	4	0	0	+/+
B13	10 °C, Food	2	1/2	0	0	0	0	0	0	0	0	+/+
C13	10 °C, Food	20	8/20	6/8	75	2	0	1	5	0	0	+/+
		# <i>P. len</i>	# <i>P. len</i> analysed	# <i>P. len</i> positive	Total # prevalence	# analysed <i>P. len</i> agent levels						
	Total	84	45	35	78 %	9	1	20	12	1	2	