

Table S5. Results from non-invasive sampling methods carried out in creeks with wild *A. pallipes* population. The absolute quantification was expressed in PFU (copies/ μ l) and was reported in scientific notation. Estimated quantifications below LoD level were reported in brown, N/A means no detected amplification or concordance between replicates; *, indicates samples sequenced after *A. astaci* end-point PCR.

#ID	Site A	Site B	Site C
Swab 1	4.56×10^1	2.25×10^3 *	7.24×10^0
Swab 2	4.71×10^1	1.61×10^3 *	1.09×10^1
Swab 3	3.58×10^3 *	4.17×10^3 *	7.84×10^1
Swab 4	4.03×10^3 *	1.49×10^4	2.41×10^2
Swab 5	1.90×10^3	7.20×10^3	1.01×10^1
Swab 6	2.19×10^1	3.62×10^3	4.65×10^1
Swab 7	3.57×10^2	1.08×10^4	1.53×10^1
Swab 8	7.66×10^2	1.11×10^4	1.11×10^2 *
Swab 9	2.41×10^3	1.36×10^1	N/A
Swab 10	1.82×10^3	3.81×10^3	N/A
Swab 11	7.02×10^0	7.03×10^3	5.55×10^1
Swab 12	1.25×10^1	2.61×10^1	9.85×10^0
Swab 13	2.19×10^1	N/A	7.15×10^0
Swab 14	8.75×10^0	9.13×10^0	1.05×10^2
Swab 15	2.62×10^1	8.88×10^0	5.07×10^1
Swab 16	3.99×10^1	1.03×10^1	N/A
Swab 17	1.91×10^1	8.65×10^0	5.43×10^1
Swab 18	3.12×10^1	8.39×10^0	6.98×10^1
Swab 19	2.60×10^1	1.39×10^1	N/A
Swab 20	7.91×10^1	4.42×10^1	5.69×10^0
Swab 21	2.12×10^1	-	1.33×10^1
Swab 22	N/A	-	7.13×10^1
Swab 23	1.70×10^1	-	1.16×10^2 *
Swab 24	9.03×10^1	-	7.68×10^1
Swab 25	4.35×10^1	-	-
Swab 26	N/A	-	-
Swab 27	1.72×10^1	-	-
Swab 28	1.24×10^1	-	-
Swab 29	1.44×10^1	-	-
Swab 30	5.09×10^0	-	-
eDNA filter 1	1.54×10^1	4.74×10^0	5.39×10^0
eDNA filter 2	1.63×10^2	3.66×10^0	5.57×10^1
eDNA filter 3	3.62×10^1	9.99×10^0	4.58×10^1
eDNA filter 4	1.10×10^2	6.25×10^1	1.05×10^2