

Supplementary Material

Table S1. Conditions for qPCR reactions for *atzA* and *atzD* genes.

Pre-incubation	Denaturation	Annealing	Extension	Signal acquisition
50°C - 2 min	95°C	60°	72°C	81°C
95°C - 5 min	15 sec	30 sec	30 sec	15 sec
40 cycles				

Table S2. Conditions for qPCR reactions for *trzN*.

Pre-incubation	Denaturation	Annealing	Extension
50°C - 2 min	95°C	55°	72°C
95°C - 5 min	45 sec	45 sec	45 sec
45 cycles			