

Changes in soil quality of an urban wetland as a result of anthropogenic disturbance

John Clunes, Susana Valle, José Dörner, Marco Campos, Jorge Medina, Sarah Zürn, Lorena Lagos

Supplementary data

Table S1. The primer sets and conditions used for quantification of 16S rRNA, amoA and nosZ genes by qPCR

Target gene	Primer name	Sequences	qPCR conditions	References
16S rRNA	BAC 1369F	5'-CGGTGAATACGTTTCYCGG-3'	initial denaturation step at 95°C for 2 min followed by 40 cycles of 95°C for 15 s, 60°C for 1 min	69
	PROK 1492R	5'-GGWTACCTTGTTACGACTT-3'		
amoA	amoA-1F	5'-GGGG TTTCTACTGGTGGT-3'	initial denaturation step at 95°C for 2 min followed by 40 cycles of 95°C for 15 s, 60°C for 15 s and extension of 72°C for 1 min	70
	amoA-2R	5'-CCC CTC KGS AAA GCC TTC TTC-3'		
nosZ	nosZ-2F	5'-CGCRACGGCAASAAGGTSMSSGT-3'	initial denaturation step at 95°C for 2 min followed by 40 cycles of 95°C for 15 s, 60°C for 1 min	71
	nosZ-2R	5'-CAKRTGCAKSGCRTGGCAGAA-3'		