

Table S1. Primer pairs related to aerobic denitrification gene amplification.

Gene	Primer (5'-3')	References
<i>narG(Z)</i>	GAAGACCGCGGCTGGGAAGA	This study
	CCTTGCCGCCGAAATAGGGG	
<i>narG(H)</i>	GCGCTCAAATCGGCATGGTG	This study
	GCTTGGACGCGCCGAAGA	
<i>napA</i>	TCTGGACCATGGGCTTCAACCA	[1-5]
	ACGACGACCGGCCAGCGCAG	
<i>nirS</i>	CCTAYTGGCCGCCRCART	[6,7]
	CGTTGAACTTRCCGGT	
<i>nirK</i>	ATCATGGT (C/G) CTGCCGCG	[6,8,9]
	GCCTCGATC (A/G) AGTTGTGGTT-3'	
<i>norB</i>	CG (N) GA (R) TT (Y) CT (S) GA (R) CA (R) CC	[10]
	C (R) TA (D) GC (V) CCR (W) AGAA (V) GC	
<i>nosZ</i>	CGYTGTTCMTGACAGCCAG	[11,12]
	CGSACCTTSTTGCCSTYGCG	
R=A/G, Y=C/T, S=C/G, W=A/T, V=A/C/G, D=A/G/T, N=A/C/G/T		

Reference

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