

Table S1. qRT-PCR primers for key functional genes of nitrogen cycle in rhizosphere soil.(2022)

Full name of primer	Sequence(5'-3')
<i>AOA-amoA</i>	(F)-STAATGGTCTGGCTTAGACG (R)-GCGGCCATCCATCTGTATGT
<i>AOB-amoA</i>	(F)-GGGGTTTCTACTGGTGGT (R)-CCCCTCKGSAAAGCCTTCTTC
<i>nxrA</i>	(F)-CAGACCGACGTGTGCGAAAG (R)-TCCACAAGGAACGGAAGGTC
<i>norB</i>	(F)-GGNCAYCARGGNTAYGA (R)-ACCCANAGRTGNACNACCCACCA
<i>nifH</i>	(F)-AAAGGYGGWATCGGYAARTCCACCAC (R)-TTGTTSGCSGCRATACATSGCCATCAT
<i>gdh</i>	(F)-GCCATCGGYCCWTACAAGGG (R)-ATGTCRCCNGCCGGAACGTC
<i>UreC</i>	(F)-TGGGCCTTAAAATHCAYGARGAYTGGG (R)-SGGTGGTGGCACACCATNANCATRTC
<i>narG</i>	(F)-TAYGTSGGGCAGGARAACTG (R)-CGTAGAAGAAGCTGGTGCTGTT
<i>nirS</i>	(F)-TACCACCCSGARCCGCGCGT (R)-GCCGCCGTCRTGVAGGAA
<i>nosZ</i>	(F)-AGAACGACCAGCTGATCGACA (R)-TCCATGGTGACGCCGTGGTTG