

Process	gene	KO	Linked taxa
Fixation	nitrogenase (<i>nifD</i>) (<i>nifH</i>) (<i>nifK</i>)	K02586 K02588 K02591	<i>Epsilonproteobacteria</i>
Denitrification	nitric oxide reductase (<i>norB</i>) (<i>norC</i>)	K02305 K04561	<i>Gammaproteobacteria</i>
	nitrous oxide reductase (<i>nosZ</i>)	K00376	
DNRA	nitrite reductase (<i>nrfA</i>)	K03385	<i>Cytophagia</i>
Anammox	hydroxylamine oxidase	K10535	<i>Deltaproteobacteria</i>
Mineralization	glutamate dehydrogenase (<i>gdhA</i>)	K00260	<i>Alphaproteobacteria</i>
		K00261	<i>Gammaproteobacteria</i>
		K00262	
Assimilation	assimilatory nitrate reductase	K00360	<i>Alphaproteobacteria</i>
	glutamine synthetase (<i>glnA</i>) (<i>gltB</i>) (<i>gltS</i>)	K01915	<i>Gammaproteobacteria</i>
		K00265 K00284	<i>Alphaproteobacteria</i> <i>Betaproteobacteria</i>