

**Table S1:** List of primer sequences used for qPCR

Gene	Forward primer	Reverse primer
<i>UBIC</i>	GATTACCCGGAGAAGCCACC	GTTGTGTGGTGCTGTCATCT
<i>NR</i>	AATGCCGAAGCCTGGTGG	CATGACTCGGCGTCGTTATC
<i>Fd-GOGAT</i>	GTCCAGTCAACGCCACTCTC	CAAGTTTGCTACCTGCGGTT
<i>AS1</i>	TGTTGGAAGTTAGTGCTTCGG	GACAACACACGACTTCAAAGGA
<i>AS2</i>	ACCAAGGCTGCCAGTCAGAATAA	CGTACCCTAACTAAAGCGAACGAAA
<i>AS3</i>	GAGGACCGAAGTACATGCC	CAACAAGGTGCCAACACTACT
<i>ASPG1</i>	GTAATGGAGATAGCCAAATTGGGACT	CCTTTGCCTGTAGCGGAAACTG
<i>ASPG2</i>	GCTGCTAACAGTCCCTTGGTA	ACGTGCTAGTGTCCCTCGTATAA
<i>ASPG3</i>	TGATGCGCTTCCTTCCATGT	ATCCATGACAAGCACCAGCA
<i>GS1.1</i>	ATGGTTGTCTGTCAATTTGTTTGCC	CCAGCAAGAGTTTTATTTAGATTAG
<i>GS1.2</i>	GGAATTGAGTATTGGAAGATGATGG	TATGTTCATAAATGATCAACAGCC
<i>GS1.3</i>	TGGAAACCATAAGAGATCACCACC	GAAGAGGCAATTCTTGTACCAAG
<i>GS2</i>	GGAGCATCACTTGGATCTAGATGG	CAAAACCCAAGAGTAAAAAGGTCC
<i>NiR</i>	CAAGTTGCCGATATTGGGT	AAGTCCTTGCATGGAACAC
<i>CWINV1</i>	TCGTAGACATGGATCCTCGC	TGCTTGTGAATTGCCAGCTT
<i>VI2</i>	CAGTTCAAGATCTGGCCACA	GCAAGCTCGGATGGATAAGC