

Table 1S. Gene-specific primers used in real time PCR analysis. AKT – low affinity K⁺ transporter; AMT – ammonium transporter; AS – asparagine synthetase; GDH – glutamate dehydrogenase; GOGAT – glutamate synthase; GS – glutamine synthetase; HAK – KUP/HAK/KT K⁺ transporter; HKT – high affinity K⁺ transporter; NHX – Na⁺/H⁺ exchanger; NiR – nitrite reductase; NR – nitrate reductase; NRT – nitrate transporter; SOS – salt overly sensitive.

Gene name	GenBank Accession No.	Forward primer (5'-3')	Reverse primer (5'-3')
<i>OsNHX1</i>	AB021878	GTTCAAGAGTTACAACAAAGCACG	CAGCGGGAATACAAAAGCAG
<i>OsNHX2</i>	AY360145	ACCAAGACGAAACACCCCTAC	AACCCAGCAACTACTCCAAGAA
<i>OsHKT1;1</i>	AJ491816	ATTAGCAGAGCACTGTGGAGGAA	CCGACGAACCCGTAGGAAG
<i>OsHKT1;3</i>	AJ491818	CAGTTCATCTACCAAAACAATCCA	AATACCTCACCACCAATCAGCA
<i>OsHKT1;5</i>	DQ148410	TGCCACCTTACACCACTTTTCG	TGCCATACGCACTGATAACCTC
<i>OsHKT2;1</i>	AB061311	GCATATTCACCCATTCTGGATTTCAGT	CGATGGTGATGAGGCTGGAAAGT
<i>OsSOS1</i>	AY785147	CTCCGTGCTCATAGAATCGC	ATACTCACTCAAGTGGGTCAATACC
<i>OsCBL4</i>	AK101368	GGCATCGTTCCGATTTCAC	GAGATTCGCCTTTCTGCTGTT
<i>OsCIPK24</i>	AK102270	AAGAAGCGGGTGGGGAGGT	GCGGTGGTTGAGGATGGTGT
<i>OsAKT1</i>	AY065970	TACGACCGCCGATACAGAA	CCAAATAAGCCACAAAGAAGG
<i>OsKAT1</i>	AK100739	TTCCATTCCACTCCATCAGC	CCTTCTCAAGCCTCGCAAAC
<i>OsHAK1</i>	AK119883	TGGCGTTCCAGAGCGTG	GGGGATGATGATGAGGGTGTA
<i>OsHAK4</i>	AF129485	CGTTCCCATCCGTCAGTAAA	CAGCCTCTGGTCTGGTTTCGTC
<i>OsHAK7</i>	AJ427971	GAACTCCAACCTCCTCAAGACG	AGATCATGCCGACTTCGACGAG
<i>OsHAK10</i>	AJ427972	CGCTCTCGGCTGCTTTCCT	TAACCGCCAATCCTGACGC
<i>OsHAK16</i>	AJ427973	AGCGACTGTGTGCTAAACCC	CATAGATGCCAATCCCTGAGA
<i>OsNR1</i>	AK121810	CCTACTACTAAATTATACGCACCG	CAGGAAGGAATCAACCGCTA
<i>OsNiR</i>	AK103604	CAAATCAGTGTTCGATAGGTAA	GGCTGGAGACGGTGGTG
<i>OsGS1;1</i>	AB037595	CCGTCTGTCGGCATTTCCTG	GGGATGGGCTTGGGGTC
<i>OsGS1;2</i>	AB180688	GCCCACAGGGACCATACTACT	CGTTGATGCCACTGATGTTGAT
<i>OsGS1;3</i>	AB180689	CCGATTCCGACGAACAACC	GCTCCCGCCGCACAGT
<i>OsGS2</i>	X14246	AGTATGCGTGAAGATGGAGGAT	GCCCCACCCGAATAGAGC
<i>OsNADH-GOGAT1</i>	AB008845	TTGCGGTTACAAGACACTCTACTG	GCTCCCGTCCCTCCATCA
<i>OsNADH-GOGAT2</i>	AB274818	CCTGTGCGAAGGATCGTGAAGGTCAAACC	TGCATGGCCCTACTGTCTTCGCATCA
<i>OsFd-GOGAT</i>	AJ132280	TGGTCTCCGCCCAGCAC	CAGTTTGTAGGTCAACCGTTATCAT
<i>OsGDH1</i>	AK071839	TTCTTCCTTCCCACTACCAAAC	TCCCAAGCAGCGAGCC
<i>OsGDH2</i>	AB189166	GGCCATTAACAACACTCATA	ACGCCGATCTATCTTGAAT
<i>OsGDH3</i>	AB035927	TATGCTACTGAGGCTTTATTGACTG	GCCACCTTTCTGATGGATGA
<i>OsAS</i>	D83378	GCCCTATTTACCTAAGCACATTC	AGGCTGCGTCCCATTCA
<i>OsNRT1;1</i>	AF140606	GGGCAGAGTTCAGCAATCG	GGAAGGACGCCGCAGGT
<i>OsNRT2;1</i>	AK072215	ACGGCACAAAGTACAAGACG	CCACTGCGGGAAGTAGATG
<i>OsAMT1;1</i>	AK073718	GCCTCCAACAGCAACAACC	CCAAACAGAAACTGGCAATCA
<i>OsAMT1;2</i>	NM_001053990	CACGGTGGCGATGAAAGG	TTGGAGATGGTGGTGAAGGAC
<i>OsAMT1;3</i>	AK107204	TCAAGCAGGTCCACAGG	TGAGGAAGGCGGAGTAGATG
<i>OsAMT2;1</i>	AB051864	GATGAATCACGCCGAAACAC	GCACGGACGAATCGCTACTT
<i>OsAMT2;2</i>	AB083582	CGACCAAGGACAGGGAGA	CACGGCGAGCGAGGAG
<i>OsAMT2;3</i>	AK102106	GTTACCCCCGCTCTGGC	CCGCTCCCTGTCGCTCTT
<i>OsAMT3;1</i>	AK120352	CCAACTGCTGAAAAGTGAAAACG	TGCTTCGCATACGGCTGAC
<i>OsAMT3;2</i>	AK069311	CCCAGTTCGGCAAGCAG	TGGCGAGGCAGATGAGG
<i>OsAMT3;3</i>	AK108711	GAGATTCCCGCCCAACAA	TCCACCCAAGCCACAGC
<i>OsUBQ5</i>	AK061988	ACCACTTCGACCGCCACTACT	ACGCCTAAGCCTGCTGGTT