

Additional file 5: List of primers used in RT-PCR and quantitate real-time RT-PCR analysis.

Gene	Primers (5' to 3')	
OsRH58	Forward	GAAGAAACCTAGGAGAGCCG
	Reverse	CTTCCTGTCAATTTCTCCTA
MYR	Forward	CAAGACGGACGATCAGGATACGAG
	Reverse	TGAAGGATCAGGTTTCTCCAAATG
MBP	Forward	ATGGGACGATGGATCGACACATG
	Reverse	GTAGTCAACGGAGCAAAGTAAGCC
SAMS	Forward	ACCAAGGCTAACGTTGATTACGAG
	Reverse	GGACACGTACAGGAACCATGGCTC
ISO	Forward	TTGCGGAAGTGCAGACTTGGTGG
	Reverse	TTGCCTCCCTCTGCTTTCTGTCATG
BGU	Forward	GGCTGACCAGAAGGTTGATAGTCG
	Reverse	CCTAGCTGTGTACCCGTCTTGCCA
LEAP	Forward	ATGTGTTCTGGCCATACTCAGAAAG
	Reverse	CTCCAGCTAGAGCAATGACGTTGG
SEEDSP	Forward	AACAACCCACAAGGGCAGGAATG
	Reverse	AGCGCTAAGGCGGAGAAGTCTGAG
PHYB	Forward	GTTTCGCAAACCTCATTGTTGGAGG
	Reverse	ACTAGGCATTTGCTTTGAAAGG
GA4H	Forward	TTTAGATCGCATCCCATTACATCC
	Reverse	AGAGCCAATAACGGTGAAACCTTC
ACTIN	Forward	CAGAGCGGGAAATTGTAAGAG
	Reverse	CCTTTCAGGTGGTGCAACGAC
ycf3 ex1	Forward	TTCGGGCATTAGAACGAAAC
ycf3 ex2	Reverse	TCCAATACTCAGCGGCTTG
ycf3 int1	Forward	AGTTGGTTGTCTGAGCCGTAT
clpP1 ex1	Forward	TCGAAGTCCTGGAGAAGGAG
clpP1 ex2	Reverse	AATAAGTTGATTCGAGATTTCGGT
clpP1 int1	Forward	GAACCGTATGCACCAAAAGG
petB ex1	Forward	CATTGTATATTTCCGGAATATGAG
petB ex2	Reverse	TATGTTGACATGCGGAGGAA
petB int1	Forward	TCTTGAGAGGGGAGTAACCT
clpP1 ex2	Forward	GTCGGAGGAGCAATTACCAA
clpP1 ex3	Reverse	GTGATGGTTTCGCGAAGTTT
clpP1 int2	Forward	TCATTCTGCGAAATAGAAAAACC
petD ex1	Forward	GAAGAGATAATGGATTATGGGAG
petD ex2	Reverse	GGGTTCCCCGTAATAATTGTG
petD int1	Forward	AAAAATTATCATGTCCGGTTCC
rpl2 ex1	Forward	AAATGGGAAATGCCCTACCT
rpl2 ex2	Reverse	GGACCTCTCCAGAAGGTAAT
rpl2 int1	Forward	GCCGTATGCTTTGGAAGAAG
rpl16 ex1	Forward	CTTTGATATAATTGCTATGCTTAG
rpl16 ex2	Reverse	CCAAATTTTTCACCACGTC
rpl16 int1	Forward	AAACTCTCACGTTCA GTTCTG
rps16 ex1	Forward	AGCTGTTCTTGTGTTGAGC
rps16 ex2	Reverse	TTTTCTCGAGCCGTACGAGG

rps16 int1	Forward	TTCTCGAGCCGTACGAGGCCA
rps12 ex2	Forward	CGTAAAGTTGCCAGAGTACGA
rps12 int2	Reverse	TGTGGAAAGCCGTATTCGAT
rps12 ex3	Forward	TTTGGCTTTTGGACCCATA
rps12 ex1	Forward	ATCCGAAACGTCACGAAATC
rps12 ex2	Reverse	TCTCACACCGGGTAAATCCT
rps12 int1	Reverse	GGAGCCGTATGAGGTGAAAA
ndhB ex1	Forward	TCATCAATGGACTCCTGACG
ndhB int1	Forward	AGTCTCATGCACGGTTTGA
ndhB ex2	Reverse	CCAGAAGAAGATGCCATTCA
atpF ex1	Forward	TACTTGGGTCACCTGGCCATC
atpF int1	Forward	TTCGGGAAGGGATCATAGAA
atpF ex2	Reverse	GCTCCTTCACGCAGTTCTTC
ndhA ex1	Forward	TTAGGTGGTCTGCGAGCTG
ndhA int1	Forward	AGGCCAAGACCTCATGTACG
ndhA ex2	Reverse	TTGACGCCACAAATTCCAT