

Supplementary TableS1. Primers used in this study

Primer name	Primer sequence(5'-3')	Use
Os12g0623600-RT-F1	GTTGATCCTGAGCCTGCCTTAA GGACTGATGTATCACATGGTGC	RT-PCR
Os12g0623600-RT-R1	TGTA CAGGACTTCCCCTACTCCCCT	RT-PCR
Os03g0655100-RT-F1	G	RT-PCR
Os03g0655100-RT-R1	GCATCCTGCTGATCTGCTCGTC	RT-PCR
LOC_Os02g11760-RT-F1	GGCATGGACACTGTACGGACTT ACGGCAGTTGCTACATAACCTA	RT-PCR
LOC_Os02g11760-RT-R1	A GCGAGTGCCAGGTTTCAGTTGTC	RT-PCR
Os01g0118400-RT-F1	C	RT-PCR
Os01g0118400-RT-R1	CTATGCCTGTGCCGTTGGGTTG	RT-PCR
LOC_Os01g45550-RT-F1	TGCCGCTGTACGTGGCGATGTT CGTTGGTGGAGATGAAGTGGAA	RT-PCR
LOC_Os01g45550-RT-R1	GG	RT-PCR
OsActin-RT-F1	CAGCACATTCCAGCAGAT	RT-PCR
OsActin-RT-R1	GGCTTAGCATTCCTTGGGT	RT-PCR
pCAMBIA1305.2-ZmPDI-F1	CTCATAAATAACGTCATGCATA TGGCGATCCACTCCAGGG	Construction of plant expression vector Pcambia1305.2-ZMPDI
pCAMBIA1305.2-ZmPDI-R1	CTCATAAATAACGTCATGCATG AGCTCATCCTTGACGGCC	Construction of plant expression vector Pcambia1305.2-ZMPDI
pYLCRISPR/Cas9-OsPDI-F1	AGCATGAACAGTCGGAACAGA	Construction of plant expression vector pYLCRISPR/ Cas9-OSPDI
pYLCRISPR/Cas9-OsPDI-R1	AGAAGCTCGCTCCAGAGGTA	Construction of plant expression vector pYLCRISPR/ Cas9-OSPDI
LOC_Os11g09280-F	AGCATGAACAGTCGGAACAGA	amplify and sequence the target site of OSPDI
LOC_Os11g09280-R	AGAAGCTCGCTCCAGAGGTA	amplify and sequence the target site of OSPDI
Hyg-F	GAAAAAGCCTGAACTCACCGC	determination of the overexpressional transgenic plant
Hyg-R	TGCTCCATACAAGCCAACCAC	determination of the overexpressional transgenic plant