

Appendix 4. Primer and DNA constructs in this study

Primer name	Sequence
TaIAA15-3A-F	ACGCGCGCGGAGCTCGAGAGA
TaIAA15-3B-F	ACCGCCACCGCCACCACCGCCGA
TaIAA15-3D-F	AGCCACCTCCGACGCAGAGCT
TaIAA15s-R	CAAGGAAAAGAAGTGGTTATTGT
TaGAPDH-F	TTAGACTTGCGAAGCCAGCA
TaGAPDH-R	AAATGCCCTTGAGGTTTCCC
qPCR-TaIAA15s-F	TACCTGCGCAAGGTGAACCTG
qPCR-TaIAA15s-R	TCCAGTCGCCGTCCTTGTC
qPCR-TaIAA15-3A/B-F	GGTGAACGGGACGGAGTAC
qPCR-TaIAA15-3A/B-R	CTCGGAGTTCTTCATCAGG
qPCR-TaIAA15-3D-F	GTGAACGGGACGGAGTACGT
qPCR-TaIAA15-3D-R	TTTGCAACAGGACACCAAC
1300-TaIAA15-3B-F	GAGAACACGGGGACTCTAGAATGTCGGCGGAGACGGAGCC
1300-TaIAA15-3B-R	CCTTGTAGTCCATGTCGACTCACCGGGCAGCTCTGGGTGCTA
pQB3-TaIAA15-3B-cds-F	ATGTCGGCGGAGACGGAGCGG
pQB3-TaIAA15-3B-cds-R	CCGGGCAGCTCTGGGTGCTACG

Construct name	Vector	Description
1300-TaIAA15-3B	1300	For transformation in Nipponbare
YFP	pEGT101	For subcellular localization analysis in <i>N. benthamiana</i>
blunt-TaIAA15-3A	blunt	For detect the sequence polymorphisms of TaIAA15-3A
blunt-TaIAA15-3B	blunt	For detect the sequence polymorphisms of TaIAA15-3B
blunt-TaIAA15-3D	blunt	For detect the sequence polymorphisms of TaIAA15-3E