

Table S1. Primers Used in This Study.

Name	Locus	Forward primer (5'-3')	Reverse primer (5'-3')	Purpose
Pro:BiP2	LOC_Os03g50250	CCGGAAATTCATATTCGGCCCTCGTCGCCTCGC	CGGGGTACCCTTCTTGCTCTGCTCATGCA	Over-expression
Pro:BiP4	LOC_Os05g35400	GAATTCGACATCAGGCAGGCCGTGAAC	GGTACCGATCGTCTGCTTCCGCTTTGG	Over-expression
CC15640F1	LOC_Os01g15640	GTGTGTATATACAAGCATGAACCA	AAACTGGTTCATGCTTGTATATAC	CRISPR-CAS9
CC15640F2	LOC_Os01g15640	GTGTCAGGCTGTTCCGGATGCTCGA	AAACTCGAGCATCCGAACAGCCCTG	CRISPR-CAS9
1564-deltaN F	LOC_Os01g15640	GGGAGATCTGATACGGAGTACTTGTGTCC	CGTCGACTAATTATCAGCAGCTTCATTCGA	Yeast self-activation assay
1564full-R	LOC_Os01g15640	GTTCCTCCGGGATGGAGTCTTTACGTGACATG	CGTCGACTAGGATAGCTGCTGATCTCTC	Yeast self-activation assay
1564R7	LOC_Os01g15640	GTTCCTCCGGGATGGAGTCTTTACGTGACATG	CGTCGACTATCGAGCATCCGAACAGCCCTG	Yeast self-activation assay
1564R4	LOC_Os01g15640	GTTCCTCCGGGATGGAGTCTTTACGTGACATG	CGTCGACTAATTATCAGCAGCTTCATTCGA	Yeast self-activation assay
CC1564N2Y2	LOC_Os01g15640	GGCAGATCTCGATGGAGTCTTTACGTGACATGG	GCCCTGCAGCTAGCTGGCGAGAACAAAAGTC	Yeast self-activation assay
pETMalc-H-NL3deltaC	LOC_Os01g15640	GCCTCGAGATGGAGTCTTTACGTGACATG	GCCTCGAGCTACTGAATTCACCTCCAAACATCG	Protein Purification
bZIP74-UB	LOC_Os06g41770	GCCGTACTCACGGAAACCCT	CTAGCAAGCAGCTGCTGCTAAA	qRT-PCR
bZIP74-SB	LOC_Os06g41770	CCATGCAGGAGTCTGCCGCTG	CTAGCAAGCAGCTGCTGCTAAA	qRT-PCR
OsCRT	LOC_Os03g61670	AGAGGCTTGAGGAGGAATCTGC	CTGATTCAGTTGCCCTCTCGTC	qRT-PCR
OsCRT3A	LOC_Os01g67054	GTGACGATCCGGAATATGCAAG	CCAGTCTCTCTAGGAAGAAAG	qRT-PCR
OsPDL2-3	LOC_Os09g27830	GAGAAAGCAAGTTGGAGTTGGTG	CCGCCAAAATTGTACAGTTGAC	qRT-PCR
OsBiP1	LOC_Os02g02410	AAGAAAGGTGAAGGAGCGGAT	ATTGGCTGTCTCTTTGAATC	qRT-PCR
OsHSP	LOC_Os02g52150	GTGCTCAAGGTGGTCTGTGCC	CCAAAACCTTTTATCTCCATAACT	qRT-PCR
NAC protein	LOC_Os05g34830	TGCAGAGCCAGCCCAAGATC	GCTTGCCCAAGTACATGAGG	qRT-PCR
zinc finger protein ZAT8	LOC_Os01g62190	TCGGAGCCTGAGTTACTTAA	CATCACCTCCAAAATTTAG	qRT-PCR
RAP2-12	LOC_Os03g08460	CGAGCAGCCATGACGATCAA	ACAGGGGCACCATGTTTCTG	qRT-PCR
ZAT12	LOC_Os05g02390	TCGACCTGAACCATCCACCT	ATCCGGCAAGAGAGCTAGT	qRT-PCR
calmodulin-like protein 4	LOC_Os03g53200	GTTTTATCTCCCAACTGAG	ATTATCTAGTTCACCTGCC	qRT-PCR
EN3	LOC_Os07g48630	ATTTCTTACCCGGCAGCTC	AGTTGGATCCGGGCTACTC	qRT-PCR
Os06g0622700	LOC_Os06g41770	CGAGGATCTTGTCTTTCGG	CTCTTCGACGGAGTGTAGCC	ChIP-qPCR
Os01g0839100	LOC_Os01g62190	CTCTGTGGAGCCAGTCGAA	GCACACATGTTTATCTCG	ChIP-qPCR
Os03g0182800	LOC_Os03g08460	ACCTGCAACCAACTTTTGGC	ATGTGGGATGGGCTGTCTA	ChIP-qPCR
Os07g0685700	LOC_Os07g48630	CGGAGGTACGACAGCAT	GTGGTATCTCTCTCTGCG	ChIP-qPCR
Os01g0328400	LOC_Os01g22490	ACCACCTTTCGAACGCCACTACT	ACGCCATAGCCTGCCTGGT	ChIP-qPCR
Os12g0113700	LOC_Os12g02210	TCTGACACGTGACCGTCT	CTGTGAGATGCTGTCTTCCA	ChIP-qPCR
pNL3-A	LOC_Os01g15640	GCCTCGACCATGATATAGCAGATGTCT	CGGGATCCCTGGGCTGTTTGTAAACGC	Dual luciferase assay
pNL3-B	LOC_Os01g15640	GCCTCGACCATGATATAGCAGATGTCT	CGGGATCCGTTGTTATGTGAAACGTACC	Dual luciferase assay
pNL3-C	LOC_Os01g15640	GCCTCGACCATGATATAGCAGATGTCT	CGGGATCCCTGGGCTGTTTGTAAACGC	Dual luciferase assay
pNL3-D	LOC_Os01g15640	GCCTCGACCATGATATAGCAGATGTCT	CGGGATCCGTAAGCTCAAAATCGCTTTCCG	Dual luciferase assay
pbZIP74-FULL	LOC_Os06g41770	GCCTCGACCTCTGGCAACCCGCTATCT	CGGGATCCCGCGATGGAGATATTTTTGT	Dual luciferase assay
pbZIP74-1	LOC_Os06g41770	GCCTCGACCTCTGGCAACCCGCTATCT	CGGGATCCCGCGATGGAGATATTTTTGT	Dual luciferase assay
pbZIP74-2	LOC_Os06g41770	GCCTCGACCTCTGGCAACCCGCTATCT	CGGGATCCCGCGATGGAGATATTTTTGT	Dual luciferase assay
pbZIP74-3	LOC_Os06g41770	GCCTCGACCTCTGGCAACCCGCTATCT	CGGGATCCCGCGATGGAGATATTTTTGT	Dual luciferase assay
pbZIP74-4	LOC_Os06g41770	GCCTCGACCTCTGGCAACCCGCTATCT	CGGGATCCCGCGATGGAGATATTTTTGT	Dual luciferase assay
pbZIP74-5	LOC_Os06g41770	GCCTCGACCTCTGGCAACCCGCTATCT	CGGGATCCCGCTTGGGACTCCATTGAG	Dual luciferase assay
OsBZIP17ΔC	LOC_Os05g34050	GCCTCGACATGGCGGAGCCGGCCTGCT	CGGGATCCCTATGCAAGCTTCTGGTCTTCC	Dual luciferase assay
OsBZIP16ΔC	LOC_Os07g44950	GCCTCGACATGGCGGAGCCGGCCTGCT	CGGGATCCCTATGCAAGCTTCTGGTCTTCC	Dual luciferase assay
OsBZIP74A	LOC_Os06g41770	CGGAATTCATGGATGATAGATTTCTGCC	CGGGATCCCTAGCAAGCAGCTGTGCTAAA	Dual luciferase assay
OsNL3ΔC	LOC_Os01g15640	CCCCGGGATGGAGTCTTTACGTGACA	GCTCTAGACTACTGAATCCATCCAAACATCG	Dual luciferase assay
NL3-GFP	LOC_Os01g15640	CCCCGGGATGGAGTCTTTACGTGACA	TTTAGATCTAGAGGCTAGGTATGCTGCTGATC	Subcellular localization
NL3-deltaC	LOC_Os01g15640	TTAGATCTAGAGGCTAGGTATGCTGCTGATC	GCTCTAGACTACTGAATCCATCCAAACATCG	Subcellular localization
CC1564-F10	LOC_Os01g15640	CGAATGAAGCTGCTGATAATGG	NA	Sequencing
1564-fl-R9	LOC_Os01g15640	NA	AGATCAGCAGCATACCTAGC	Sequencing
1564-fl-F9	LOC_Os01g15640	CCATGGAGTCTTACGTGACA	NA	Sequencing
CC1564-R10	LOC_Os01g15640	NA	GTGCGATGTTCCAACCTCAGG	Sequencing
ZIP74Fmex	LOC_Os06g41770	CCGAGCATCTCCGACGAGT	NA	Sequencing
Z74-cxR	LOC_Os06g41770	NA	AGCCACCTCAATCTCTCCCTCCCGG	Sequencing
ZIP17Fmex	LOC_Os05g34050	CAACGACTCCGCTGCTCG	NA	Sequencing
ZIP17Rmex	LOC_Os05g34050	NA	TGCATACCCAGGCATCCAT	Sequencing
ZIP16Fmex	LOC_Os07g44950	GTCCGTGATCCCATCCACC	NA	Sequencing
ZIP16Rmex	LOC_Os07g44950	NA	CAATCAAGCAGGCTAACACC	Sequencing