

**Supplemental Table S1. Primers used for the plasmid constructs of Y2H, BiFC, and pull-down.**

Primer name	Sequence (5' to 3')	note	Construct
<b>For Y2H</b>			
OsTrxh1-Y2H_F	cggaattcATGGCCGCCGAGGAGGGAG	EcoRI	
OsTrxh1-Y2H_R	cgggatccTTAGGCAGAAGCAGATGCAG	BamHI	
OsTrxh4_Y2H_F	cggaattcATGGGCTCCTTCTTCTCGAC	EcoRI	
OsTrxh4_Y2H_R	cgggatccTTAGGATGAGGAGGATGAAATG	BamHI	
OsTrxh2_Y2H_F	cggaattcCTAGAGATGGCGGCGGCCTCAG	EcoRI	
OsTrxh2_Y2H_R	cgggatccCTACATGGCCATATGTAGCTC	BamHI	
OsTrxh3_Y2H_F	cggaattcATGGCGACGGCTGGGGCCAG	EcoRI	
OsTrxh3_Y2H_R	cgggatccGCTCACAGTTTATGATGATCC	BamHI	
OsTrxh5_Y2H_F	catatggaattcATGGGCGGCGCCTTCTCGACGTC	EcoRI	
OsTrxh5_Y2H_R	cgggatccTCACGTCGTCGTCGCCGTCGACGAC	BamHI	
OsTrxh6_Y2H_F	atggcctaggaggccgctcATGGCGCCGCGGTCAGTGCA	Seamless	
OsTrxh6_Y2H_R	ccgctgcaggtcgacgTCAACGGAGGAAGTAAGGAGAAG	cloning	
OsTrxh7_Y2H_F	cggaattcATGGGGTCTGTGTGGGAA	EcoRI	
OsTrxh7_Y2H_R	cgggatccTCAGGCGCTGTCAGCAAGC	BamHI	
OsTrxh8_Y2H_F	cggaattcATGGGAGGTTGTGTGGGCAAG	EcoRI	
OsTrxh8_Y2H_R	cgggatccTCAGCTGCCATCAGCAAGTG	BamHI	
OsTrxh9_Y2H_F	cggaattcATGGGTTGCTGTGGCAGCA	EcoRI	
OsTrxh9_Y2H_R	cgggatccTATACATCATATATAACTTTGGC	BamHI	pGBKT7
OsTrxh10_Y2H_F	cggaattcATGGAGATCCAGCAGCAGA	EcoRI	
OsTrxh10_Y2H_R	cgggatccTATTCCACCACTATATCAGG	BamHI	
AtTrxh1_Y2H_F	catatggaattcATGGCTTCGGAAGAAGGAC	EcoRI	
AtTrxh1_Y2H_R	ctcagggatccTTAAGCCAAGTGTTTGGC	BamHI	
AtTrxh2_Y2H_F	catatggaattcATGGGAGGAGCTTTATCAAC	EcoRI	
AtTrxh2_Y2H_R	ctcagggatccTTATGCTCTGAGTTTGCTAAC	BamHI	
AtTrxh3_Y2H_F	catatggaattcATGGCCGCGAGAAGGAGAAG	EcoRI	
AtTrxh3_Y2H_R	cgggatccTCAAGCAGCAGCAACAACCTG	BamHI	
AtTrxh4_Y2H_F	catatggaattcATGGCGGCAGAAGAGGGTC	EcoRI	
AtTrxh4_Y2H_R	ctcagggatccTTACGCAGTTGTAACACCAG	BamHI	
AtTrxh5_Y2H_F	catatgccatggATGGCCGGTGAAGGAGAAG	NcoI	
AtTrxh5_Y2H_R	ctcagggatccTCAAGCAGAAGCTACAAGACC	BamHI	
AtTrxh7_Y2H_F	catatggaattcATGGGTTCCAATGTTTCATC	EcoRI	
AtTrxh7_Y2H_R	ctcagggatccTTAAACCCTATGTTGTTCAATC	BamHI	
AtTrxh8_Y2H_F	catatggaattcATGGGTGCTAACGTTTCTAC	EcoRI	
AtTrxh8_Y2H_R	ctcagggatccTCAGAAGAAGGATTGTGTGT	BamHI	
AtPHO2_Y2H_F	ccatgggaattcATGGAAATGTCCCTTACTGAC	EcoRI	
AtPHO2_Y2H_R	gtcgacggatccTTATGATTCTGGTCCAATCTC	BamHI	
AtPHO2N_Y2H_F	same as AtPHO2_Y2H_F		
AtPHO2N_Y2H_R	ccgaattcCATATCCACTTCACCTGAATTTG	EcoRI	
AtPHO2C_Y2H_F	ccgaattcTGGGTGAAGAAAGTCCAGC	EcoRI	
AtPHO2C_Y2H_R	same as AtPHO2_Y2H_R		
OsUBC23_Y2H_F	tccccgggATGGAAAATCTACCAAATGGC	SmaI	
OsUBC23_Y2H_R	cgagctcTCAGTGTTCTTGAGCAGTTTCC	SacI	pGADT7-Rec
OsPHO2_Y2H_F	gccatggaggccagtgtcATGGATCTATATGCAATTG	Seamless	
OsPHO2_Y2H_R	cagctcgagctcgatgTCACGGGCTGCAGGGGATG	cloning	
OsPHO2N_Y2H_F	ccgaattcATGGATCTATATGCAATTGACTC	EcoRI	
OsPHO2N_Y2H_R	ccgaattctcaACCTCTTTTGGACATTTTCGTG	EcoRI	
OsPHO2C_Y2H_F	ccgaattcATGGAGCTGATAACACAGTTTGAG	EcoRI	
OsPHO2C_Y2H_R	ctcagggatccTCACGGGCTGCAGGGGATG	BamHI	
<b>For site-mutation</b>			
OsTrxh1_C40S_F	CTTCACTGCTTCTGGTCTGGCCCTTGCCGCTT		
OsTrxh1_C40S_R	AAGCGGCAAGGGCCAGACCAGGAAGCAGTGAAG		
OsTrxh1_C43S_F	CCTGGTGTGGCCCTTCCCCTTCATCGCCCCA		
OsTrxh1_C43S_R	TGGGGCGATGAAGCGGGAAGGGCCACACCAGG	site-mutation	
OsTrxh4_C56S_F	TCTCCGCCACCTGGTCCGGGCCCTGCCGCTT		
OsTrxh4_C56S_R	AAGCGGCAGGGCCCGACCAGGTGGCGGAGA		

OsTrxh4_C59S_F	CTGGTGC GGGCCCTCCGCTTCATCGAGCC	
OsTrxh4_C59S_R	GGCTCGATGAAGCGGGAGGGCCCCGACCAGG	
OsPHO2_C26A_F	GAAGAA GCTGAACTTACATACTGTGGTC	
OsPHO2_C26A_R	GTAAGTTCA GCTTCTTCTTGGTCTTCTTCAC	
OsPHO2_C31S_F	TACATACTCTGGTCATGCCCAGAACATC	
OsPHO2_C31S_R	CATGACCA GAGTATGTAAGTTACATTTC	
OsPHO2_C65A_F	ACATAGTTGCCCTCTGCAGCTGACCCATC	
OsPHO2_C65A_R	CTGCAGAGGCAACTATGTCTCCATGCAG	
OsPHO2_C113S_F	CTGGTGATTCTGTGGTGTATGGGGCCATG	
OsPHO2_C113S_R	TCACCACAG AATCACCAGAGACAAAGGA	
OsPHO2_C140S_F	GGCAAGGCTGAAATGCTCTTAAGAGA	
OsPHO2_C140S_R	GCATTTCA GACCTTGCCCCATCACTGA	
OsPHO2_C186S_F	ATGGTTGTCTGGATCATGGAAAGCTAG	
OsPHO2_C186S_R	ATGATCCA GACAACCATGTACCCGACT	
OsPHO2_C239S_F	TGCTTTCAAGCTTCCCTTATGCCAATTG	
OsPHO2_C239S_R	AGGGAAGCTTGAAAGCAAAGTGAGCTTC	site-mutation
OsPHO2_C251S_F	GTGACTGGAGCACTCTTTCGGATTGCG	
OsPHO2_C251S_R	AAGAGTGCTCCAGTCAACCAACTGCCA	
OsPHO2_C256S_F	TTCGGATTCCGAGGG AAGTCTCTGGG	
OsPHO2_C256S_R	TTCCCTCGAATCCGAAAGAGTGCACC	
OsPHO2_C268A_F	ACAAATCTGCCCTTCATGAGTATGACCTGG	
OsPHO2_C268A_R	TCATGAAGGCAGATTTGTCAGAATTTTCC	
OsPHO2_C351S_F	ATGGTAGATCCAGCGGACTGGGATAGT	
OsPHO2_C351S_R	TCCGCTGGGATCTACCATTATCCTCAAC	
OsPHO2_C445S_F	TCTTATCATCTATTGGCAATGTTCTTGG	
OsPHO2_C445S_R	TGCCAATA GATGATAAGAAGGCAGAGG	
OsPHO2_C522A_F	TGGAGACGCTACAGGATCCTTGCGCAAAG	
OsPHO2_C522A_R	ATCCTGTAGCGTCTCCAGCAGATTCTTCC	
OsPHO2_C616A_F	TGACCGACGCTTCTGATCACCCTTTGTC	
OsPHO2_C616A_R	ATCAGAA GCGTCCGGTCAACATCAAATC	
OsPHO2-C719A_F	GCAAAGTGCCCTTAGCCTGCTCAAACA	
OsPHO2-C719A_R	GGCTAAGGCCACTTTGCCAGACTCATAAC	

**For FP subcellular localization and BiFC**

AtCNX1-YFP_F	catgccatggcaAGACAACGGCAACTATTTTCC	NcoI	pSAT6-EYFP-N1
AtCNX1-YFP_R	egggatccCAGAATTATCACGTCTCGGTTGCC	BamHI	
AtCNX1-nYFP_F	same as AtCNX1-YFP_F		
AtCNX1-nYFP_R	catgccatggatccATTATCACGTCTCGGTTGCC	NcoI	pSAT1-nEYFP-C1
OsBiP3-YFP_F	catttacgaacgatagccATGGATCGGGTTCGCGGATG		pSAT6-EYFP-N1
OsBiP3-YFP_R	cccttctcaccatcagggatccCAGCTCGTCATGCTCGTCTCGT		
OsBiP3-cYFP_F	same as OsBiP3-YFP_F		
OsBiP3-cYFP_R	agctgcacgctgccgccgatccCAGCTCGTCATGCTCGTCTCGT	Seamless cloning	pSAT1-nEYFP-C1
YFP-OsPHO2_F	ctcagatctcagctcaCATGGATCTATATGCAATTGAC		pSAT6-EYFP-C1
YFP-OsPHO2_R	tccccggcccgggtacTCACGGGCTGCAGGGGATGC		
OsTrxh1_GW_F	GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGGCCGCCGAGGAGGG		
OsTrxh1_GW_R	GGGGACCACTTTGTACAAGAAAGCTGGGTCTCCACCTCCGGATCMGGCAGAAGCAGATGCAGCAG		pDEST-CGFP for OsTrxh1/4-GFP;
OsTrxh4_GW_F	GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGGGCTCCTTCTTCTCGAC		pSAT5(A)-DEST-cEYFP-N1 for OsTrxh1/4-cYFP
OsTrxh4_GW_R	GGGGACCACTTTGTACAAGAAAGCTGGGTCTCCACCTCCGGATCMGGATGAGGAGGATGAAATGAAC	Gateway cloning	
OsPHO2_GW_F	GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGGATCTATATGCAATTGACTCG		
OsPHO2_GW_R	GGGGACCACTTTGTACAAGAAAGCTGGGTCTCCACCTCCGGATCMGGGCTGCAGGGGATGC		pSAT4-DEST-nEYFP-C1
nYFP-OsPHO2N_R (OsPHO2N_GW_R)	GGGGACCACTTTGTACAAGAAAGCTGGGTCTCCACCTCCGGATCMACCTCTTTTGACATTTTCGTG		
nYFP-OsPHO2_F	ctcagatctcagctcaCATGGATCTATATGCAATTGAC	Seamless cloning	C719A; pSAT1-nEYFP-C1
nYFP-OsPHO2_R	tccccggcccgggtacTCACGGGCTGCAGGGGATGC		

OsPHO1-cYFP_F	acgaacgatagagatcATGGTGAAGTTCTCGAGGGAG		
OsPHO1-cYFP_R	gtaccgtcgactgcagCAATCAGTTTCAAGTTCACGGA		
OsPHF1-cYFP_F	acgaacgatagagatcATGGCAGGCGGCGGAGGTG		
OsPHF1-cYFP_R	gtaccgtcgactgcagCCAGGGGTTCTGGTCCTCAG		
OsIRT1-cYFP_F	acgaacgatagagatcCGAACGAAAATGGCGACGCC	Seamless	pSAT1A-cEYFP-N1
OsIRT1-cYFP_R	gtaccgtcgactgcagCACGCCACTTGGCCATGAC	cloning	
OsPT2-cYFP_F	acgaacgatagagatcATGGCGGGATCGCAGCTC		
OsPT2-cYFP_R	gtaccgtcgactgcagCACGCTTGGGCGATCGCTTC		
OsPT6-cYFP_F	acgaacgatagagatcGAAGCTGGCATGGGCGGC		
OsPT6-cYFP_R	gtaccgtcgactgcagCACAGTACAGTTTGCAGGGG		
OsPT8-cYFP_F	ccgctcgagATGGCGCGGCAGGAGCAG	XhoI	
OsPT8-cYFP_R	cggaattccGCCGTCTGCGGCCGCAC	EcoRI	
OsPHO1-mCherry_F	OsPHO1-cYFP_F		
OsPHO1-mCherry_R	OsPHO1-cYFP_R	Seamless	pSAT4A-mCherry-N1
OsPHF1-mCherry_F	OsPHF1-cYFP_F	cloning	
OsPHF1-mCherry_R	OsPHF1-cYFP_R		
<b>For Prokaryotic expression (pull-down)</b>			
6His-OsTrxh1_F	GCTGATATCGGATCCGagttcATGGCCGCCGAGGAGGGA	Seamless	pET30a
6His-OsTrxh1_R	GTGGTGGTGGTGGTGGTCTTAGGCAGAAGCAGATGCAG		
6His-OsTrxh4_F	GCTGATATCGGATCCGagttcATGGGCTCCTTCTTCTCG		
6His-OsTrxh4_R	GTGGTGGTGGTGGTGGTCTTAGGATGAGGAGGATGAAAT		
GST-OsPHO2_F	OsPHO2_GW_F		
GST-OsPHO2_R	OsPHO2_GW_R		
GST-AtPHO2_F	GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGGAA	Gateway	pDEST15
(AtPHO2_GW_F)	ATGTCCCTTACTGAC	cloning	
GST-AtPHO2_R	GGGGACCACTTTGTACAAGAAAGCTGGGTCTCCACCTC		
(AtPHO2_GW_R)	CGGATCMTGATTCTGGTCCAATCTCTTG		
<b>For split-ubiquitin Y2H</b>			
OsPHO2-Cub_F	tatgtaatggccattATGGATCTATATGCAATTGAC	Seamless	pBT3-STE
OsPHO2-Cub_R	ctgcagatggccgaggACGGGCTGCAGGGGATGCC		
OsPHO1-Cub_F	tatgtaatggccattATGGTGAAGTTCTCGAGGG		
OsPHO1-Cub_R	ctgcagatggccgaggAATCAGTTTCAAGTTCACGG		
OsPHF1-Cub_F	tatgtaatggccattATGGCAGGCGGCGGAGGTG		
OsPHF1-Cub_R	ctgcagatggccgaggACCAGGGGTTCTGGTCCTCA		
OsPT2-Cub_F	attacaagccattacggccATGGCGGGATCGCAGCTCA		
OsPT2-Cub_R	aactgattggccgaggcggccccCGCTTGGGCGATCGCTTCT		
OsPT6-Cub_F	attacaagccattacggccCAAGCTGGCATGGGCGGC	SfiI	
OsPT6-Cub_R	aactgattggccgaggcggccccCAGTACAGTTTGCAGGGG		
OsPT8-Cub_F	attacaagccattacggccATGGCGCGGCAGGAGCAGCAG		
OsPT8-Cub_R	aactgattggccgaggcggccccCGCCGTCTGCGGCCGCACG		
Cub-OsPHO2_F	tcctgcaggccattATGGATCTATATGCAATTGAC		
Cub-OsPHO2_R	taccatggggccgaggTCACGGGCTGCAGGGGATG		
Cub-OsPHO1_F	tcctgcaggccattATGGTGAAGTTCTCGAGGG		pBT3-N
Cub-OsPHO1_R	taccatggggccgaggTCAATCAGTTTCAAGTTCAC		
Cub-OsPHF1_F	tcctgcaggccattATGGCAGGCGGCGGAGGTG		
Cub-OsPHF1_R	taccatggggccgaggTCACCAGGGGTTCTGGTCC		
OsPT2-NubG_F	acgtcagtggccattaTATGGCGGGATCGCAGCTCA	SfiI, Seamless	pPR3-STE
OsPT2-NubG_R	tctcgagaggccgaggACGCTTGGGCGATCGCTTCT		
OsPT6-NubG_F	acgtcagtggccattaTCAAGCTGGCATGGGCGGC		
OsPT6-NubG_R	tctcgagaggccgaggACAGTACAGTTTGCAGGGG		
OsPT8-NubG_F	acgtcagtggccattaTATGGCGCGGCAGGAGCAGCAG		
OsPT8-NubG_R	tctcgagaggccgaggACGCCGTCTGCGGCCGCACG		
OsPHO2-NubG_F	acgtcagtggccattaTATGGATCTATATGCAATTGAC		
OsPHO2-NubG_R	tctcgagaggccgaggACGGGCTGCAGGGGATGCC		
NubG-OsPHO2_F	cgcagatggccattATGGATCTATATGCAATTGAC		pPR3-N
NubG-OsPHO2_R	tctcgagaggccgaggTCACGGGCTGCAGGGGATG		

**Supplemental Table S2. Primers used for the plasmid constructs of transient expression in tobacco leaves, *pho2* recovery and *OsTrxh1/h4* transgenic plants.**

Primer name	Sequence (5' to 3')	note	Construct
<b>For the identification of the <i>Tos17</i> insertion line of <i>Ospho2</i> mutant.</b>			
LB	ATTGTTAGGTTGCAAGTTAGTTAAGA		
LP	TGGCCGTTGTATTTTAGCATC		
RP	GGTCCTGAAAGTTTGGAGGAC		
<b>For 35S::<i>AtPHO2</i> and 35S::<i>OsPHO2</i> overexpression</b>			
AtPHO2-OE_F	AtPHO2_GW_F		
AtPHO2-OE_R	AtPHO2_GW_R	Gateway cloning	pH2GW7(0)
OsPHO2-OE_F	OsPHO2_GW_F		
OsPHO2-OE_R	OsPHO2_GW_R		
<b>For constructs of 1300-3F and 1300-4M for transient expression in tobacco leaves</b>			
pBS-3F_F	catggACTACAAAGACCATGACGGTGATTATAAAGATCATGACATCGATTACAAGGATGACGATGACAAGCTTg	sense oligo	ligation to pBS-omega-FLAG-NdeI at NcoI and EcoRI
pBS-3F_R	aattcAAGCTTGTTCATCGTCATCCTTGTAATCGATGTCATGATCTTTATAATCACCGTCATGGTCTTTGTAGTc	anti-sense oligo	
1300-3F_F	ggacgagctcggtacCTCGAGGTATTTTTACAAC		pC1300M at KpnI and XbaI
1300-3F_R	gctctgcaggtcgactTCTAGAACTAGTGGATCCC	Seamless cloning	
3F-OsPHO2_F	cgggggatccactagtcaATGGATCTATATGCAATTGAC		1300-3F at XbaI
3F-OsPHO2_R	ctctgcaggtcgactTCACGGGCTGCAGGGGATG		
pBS-OsTrxh1_F	same as OsTrxh1-Y2H_F	EcoRI	
pBS-OsTrxh1_R	same as OsTrxh1-Y2H_R	BamHI	
pBS-OsTrxh4_F	same as OsTrxh4_Y2H_F	EcoRI	
pBS-OsTrxh4_R	same as OsTrxh4_Y2H_R	BamHI	pBS-omega-4MYC-NdeI
pBS-GFP_F	aactgcagATGGAATTCAGTAAAGGAGA	PstI	
pBS-GFP_R	cgggatccTAAAGCTCATCATGTTTGTATAG	BamHI	
pBS-OsPHF1_F	ttacaattacaattacCATGGCAGGCGGCGGAGGTG		
pBS-OsPHF1_R	caccgtaattaacgcCATACTACCCAGGGGTTCTGGTCCTCA	Seamless cloning	
4M-OsPHF1_F	same as 1300-3F_F		pC1300M at KpnI and XbaI
4M-OsPHF1_R	gctctgcaggtcgactTCACATATGGCTACCGTTCAAG		
<b>For complementation of <i>Ospho2</i> with genomic <i>OsPHO2</i> sequence</b>			
1300-OsPHO2g_F1	tgacgatgacaagcttgGAATGGATCTATATGCAATTGAC		pBS-3F at EcoRI and BamHI
1300-OsPHO2g_R1	ccgctctagaactagtTGGGTAGAAGGCTATGGAAG		
1300-OsPHO2g_F2	ctatgaccatgattacgGGGAGAGAAGGGTTTCAGGT	Seamless cloning	
1300-OsPHO2g_R2	TAGATCCATgaattcaagctgtcatcgtc		pC1300M at EcoRI and XbaI
1300-OsPHO2g_F3	gcttgaattcATGGATCTATATGCAATTGAC		
1300-OsPHO2g_R3	aagctctgcaggtcgactTGGGTAGAAGGCTATGGAAG		
<b>For Over-expression and RNAi constructs of <i>OsTrxh1</i> and <i>OsTrxh4</i></b>			
OsTrxh1-OE-F	ACCCCTCTCTTTGATCTCGTC		
OsTrxh1-OE-R	GAGGACACCCAAGCCAAACT		pTF101-ubi, BamHI
OsTrxh4-OE-F	GAGAGAACCAAACCAAGCACG		
OsTrxh4-OE-R	GGTACTAAATGAGGAATGCAGGC		
OsTrxh1-Ri-F	CACCCAGTGTTTCGCTGAATACG		
OsTrxh1-Ri-R	GACGATAACGATGACTAACGCT	Gateway cloning	pH7GWIWG2(I)
OsTrxh4-Ri-F	CACCCCATGCCGACCTTTGTGTT		
OsTrxh4-Ri-R	TCCATTCCCAAGTATCACAAG		
<b>For CRISPR/Cas9 mutation of <i>OsTrxh1</i> and <i>OsTrxh4</i> and identification of mutants</b>			
h1-giRNA_F	GGCAGGCCAAGGAGGCCGCAAAG		
h1-giRNA_R	AAACCTTTGCCGGCCTCCTTGCC		pRGEB31
h4-giRNA_F	GGCACTTCTCCGCCACCTGGTGC		
h4-giRNA_R	AAACGCACCAGGTGGCGGAGAAGT		
h1-PCR_F	ATCCTATTCAAATCGAAACC		
h1-PCR_R	AGAAACAATCGATCTCCTCG		
h4-PCR_F	ACAAGAGCAACCCCAACAAG		
h4-PCR_R	AGACATGCCAGGGTTCGTAGC		
Cas9-PCR_F	ATGGACTATAAGGACCACGAC		
Cas9-PCR_R	CTCGTGCTTCTTATCCTCTTC		

**Supplemental Table S3. Primers used for RT and qRT PCR analysis.**

Primer name	Sequence (5' to 3')	amplicon/bp
OsACTIN1_qRT_F	CAACACCCCTGCTATGTACG	92
OsACTIN1_qRT_R	CATCACCAGAGTCCAACACAA	
OsTrxh1_qRT_F	GTGCTGAGGCTGACAAGGT	197
OsTrxh1_qRT_R	GACACCCAAGCCAAACTGAC	
OsTrxh4_qRT_F	ACGAACTTTCGGAAGTGGC	174
OsTrxh4_qRT_R	GCAGGCATAAGTTTGGGAT	
OsPHO2_qRT_F	CAAGCCACCAAAGCATTTC	151
OsPHO2_qRT_R	GTTCTTGCATCCGTCATCC	
OsACTIN1_RT_F	TCAGCAACTGGGATGATATGGAG	385
OsACTIN1_RT_R	GCCGTTGTGGTGAATGAGTAAC	
OsPHO2_RT_F	ATGATCGAGGAGCACACTA	337
OsPHO2_RT_R	ATGTTGGCTTCTCAAACCTG	
AtEF1b_RT_F	AGGAGAGGGAGGCTGCTAAG	320
AtEF1b_RT_R	AATCTTGTTGAAAGCGACAATG	
AtPHO2_RT_F	ATCAGGGTTCCACTTCGGTT	363
AtPHO2_RT_R	TTTGCCTCCAAATTGCTCC	