

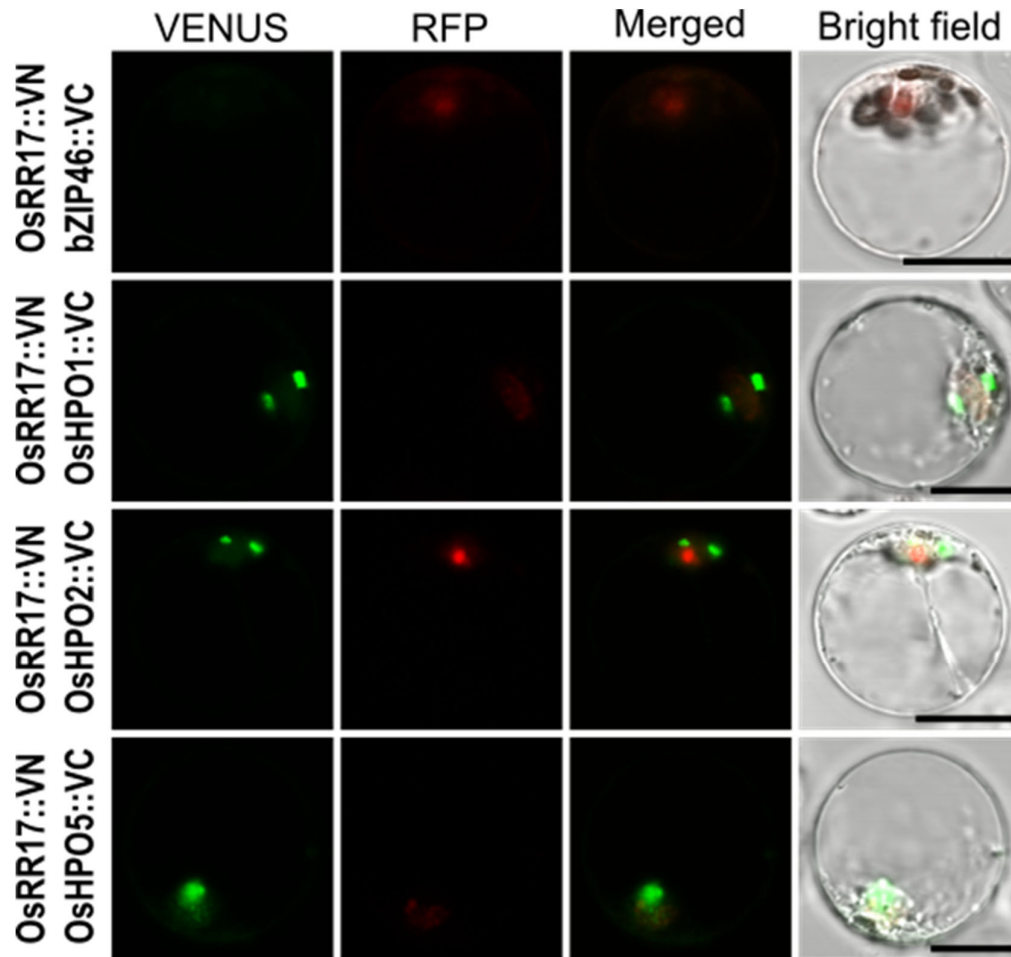


Figure S1. Bimolecular fluorescence complementation (BiFC) analysis of the interaction between OsRR17 and OsHPs. The potential interactions between OsRR17 and three OsHPs (OsHP01, OsHP02, and OsHP05) were tested by BiFC. NLS-RFP was used as a nuclear marker. Bar = 10 μ m.

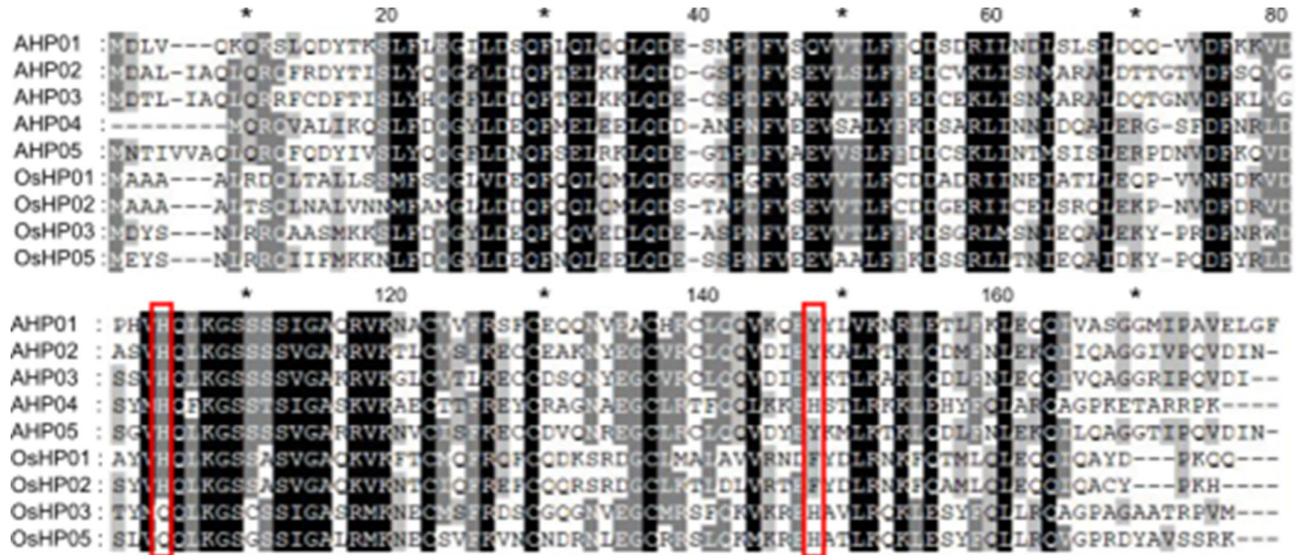


Figure S2. Amino acid alignments of OsHPs and comparison of the phosphotransfer domains, highlighted by the red boxes.

Table S1. Primer sequences used in this manuscript

Transcript	Locus #	CDS length (bp)	Direction	Sequence
<i>OsHK03</i>	<i>Os01g69920</i>	3072	Forward	caccATGGATGAGATGAGCTGCG
			Reverse	CTATTCAACTTGGTCATGA
<i>OsHP01</i>	<i>Os09g39400</i>	450	Forward	caccATGGCGGCCCGCCGCTCTCC
			Reverse	CTATTCAACTTGGTCATGA
<i>OsHP02</i>	<i>Os08g44350</i>	444	Forward	caccATGGCGGCCCGCCGCGCTG
			Reverse	TTAATGTTTAGGGTAACAAG
<i>OsHP05</i>	<i>Os05g09410</i>	456	Forward	caccATGGAGTATTCAAATTTGCG
			Reverse	TTACTTCCTTGAGCTCACTG
<i>OsRR16</i>	<i>Os01g67770</i>	1749	Forward	caccATGGACGCCACCGCCTTCC
			Reverse	TCAGGATGATGCAAAGAGAC
<i>OsRR17</i>	<i>Os02g08500</i>	1881	Forward	caccATGACGGTGGAGGAGAGGC
			Reverse	CTAGACCAGCTCCCAGTCCC
<i>OsRR18</i>	<i>Os02g55320</i>	2067	Forward	caccATGAGGGCGGCGGAGGAGAG
			Reverse	TCATATGCAAGCTCCAAGG
<i>OsRR19</i>	<i>Os03g12350</i>	2076	Forward	caccATGGCGCCGGTGGAGGATG
			Reverse	TCACATCTGTCCACTAAATCC