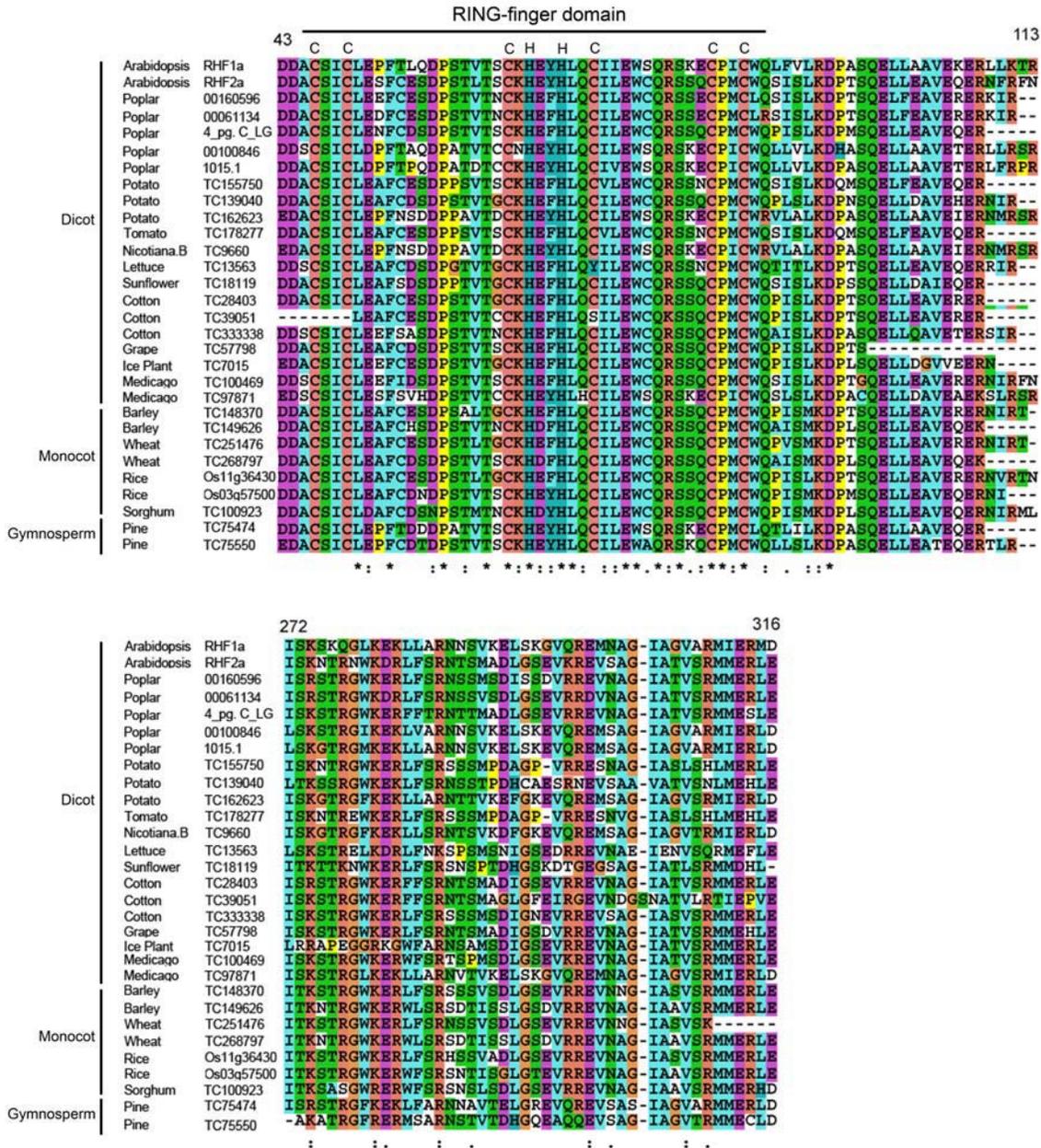


Supplemental Data Liu et al. (2008) Targeted degradation of the cyclin-dependent-kinase inhibitor ICK4/KRP6 by RING type E3 ligases is essential for mitotic cell cycle progression during Arabidopsis gametogenesis

Supplementary Figure 1

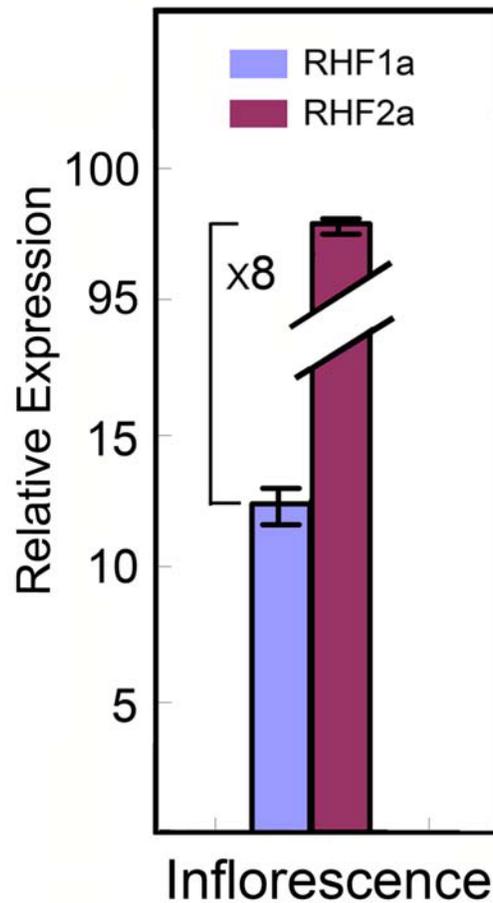


Supplementary Figure 1. Amino Acid Sequence Alignment of RHF1a and RHF2a with their Homologues in Other Plant Species. The homologues of RHF1a and RHF2a could only be found in plants, including gymnosperms, monocots and dicots.

Supplementary Figure 2. Expression Analysis of *RHF1a* and *RHF2a* in Wild-Type Inflorescence via Quantitative RT-PCR.

In wild-type inflorescence, the relative transcription level of *RHF2a* is 8-fold higher than that of *RHF1a*.

Supplementary Figure 2



Supplementary Table 1. PCR Primers Used in this Study

AbS1	5'-CAT CTA GAA TGT CTA ATT TCA CTT ATA CAT CTG C-3'
AbAS1	5'-TGG GTA CCT CAG CAC GTT TCT CCT C-3'
RHF1a-042445-R	5'-TGA CCA AAT CAG TAG GAT GAA T-3'
LBb1	5'-GCG TGG ACC GCT TGC TGC AAC T-3'
RHF2a-023787-F	5'-CAA TGC TTT AGG GGA GGG TTC-3'
RHF2a-023787-R	5'-AGA ATT TGT GGG CGA AAA ACG-3'
KRP6-NT-MYC-F2	5'-CTC GGA TCC GCA TGA GCG AGA GAA AGC GAG-3'
KRP6-NT-MYC-R2	5'-CTC ACT AGT TTA AAG TCG ATC CCA CTT GTA-3'
KRP6-LAT52-F	5'-AAC GTC GAC ATG AGC GAG AGA AAG CGA GA-3'
KRP6-LAT52-R	5'-CTC ACT AGT TTA AAG TCG ATC CCA CTT GT-3'
KRP6-RT-F1	5'-CTT CTG ATT CAT CAC CGG ACT C-3'
KRP6-RT-R1	5'-ACA CCA AAC GAC GAA CTG TTC T-3'
RHF1a-salk-FN1	5'-CTG CTT TCA ACT TAT CCG ACA A-3'
RHF1a-salk-RN1	5'-AAC AAA CAA TTG CCA GCA AAT A-3'
RHF1a-Salk-F2	5'-CTT GTC CAA GTC CTG GCT CAA T-3'
RHF1a-Salk-R2	5'-GCA GTA GCA GTG GAG GTT GAT A-3'
R1-F	5'-TTC ACT CTG AGG AGG AGG AAT C-3'
R1-R	5'-GCA GTA GCA GTG GAG GTT GAT A-3'
RHF2a-Salk-F1	5'-TTG AGG CTG TGG AAC AGG AGA G-3'
RHF2a-Salk-R1	5'-AAG AAG TTG GTG GCT GCG TGT T-3'
RHF2a-SALK-F2	5'-GTC TCG ATT AAA CGC TGT CTC C-3'
RHF2a-SALK-R2	5'-CCA GAA CCA GTC GCA CAT GTT T-3'
R2-F	5'-CAC TTG GCT GCT GCT GCT GCT A-3'
R2-R	5'-CCG CTG CTG CTC TAT TGT GCT C-3'
TUB8-5'	5'-CGT GGA TCA CAG CAA TAC AGA GCC-3'

TUB8-3'	5'-CCT CCT GCA CTT CCA CTT CGT CTT C-3'
RHF2a-ISH-F	5'-TGC CAC CAT ATT TCG TCA TCC A-3'
RHF2a-ISH-R	5'-AGA GCC AAG ATC TGC CAT GGA C-3'
KRP6-ISH-F	5'-ATG AGC GAG AGA AAG CGA GAG C-3'
KRP6-ISH-R	5'-CCG CCG TTG GAG TCT TCC TCA C-3'
RHF1a-R-FLAG	5'-CTA GAT CTG CAC GTT TCT CCT CCC TGC A-3'
Flag-1	5'-GAG GAT TAC AAG GAT GAC G-3'
Flag-2	5'-CTA GAT ATC GTA ATC CCT AGG CTT ATC-3'
