Hua and Kao, Supplemental Figure 1

```
Pi SK2
                  -MAEKMIVLKSSDGETFQVEESVAVESQTIKHMIED
                                                                  DCADSSIPLPNVTSQILAK
Pi SK3
                       KMIVLKSSDGETF@VEESVALESQTIKHMIED
                                                                  DCADESIPLPNVTSKILAK
                  MSTSKMIVLKSSDGETFEVEESVALESOTIKHMIED
Pi SK1
AS K1
                  -MSAKKIVLKSSDGESFEVEEAVALESQTIAHMVED
                                                                  DCVDNGVPLPNVTSKILAK
                  MSTVRKITLKSSDGENFEIDEAVALESQTIKHMIED
                                                                  DCTDNGIPLPNVTSKILSK
AS K2
                  ---MPSIKIOSSDGFIFEVDVEIAKOSVIIKTMLEDLGMDDEGDDDPVPIPNVNAATIKK
Human-Skp1
                  VIEYCKRHVEAS-KTEDKAT
                                                           {	t EDDLKSFDADFVKVDQSMLFDLILA}
Pi SK2
                  VIEYCKRHVEA<mark>N-KS</mark>EDKAS
                                                           EDELKSFDSDFVKVDQGTLFDLILA
Pi SK3
                  VIEYCKRHVEAAAKTDDK<mark>V</mark>S
                                                           EBDLKNEDABFVKVDQGTLFDLILA
Pi SK1
                                                          SDDDLKAWDADFMKIDQATLFELILA
AS K1
                  VIEYCKRHVEAAASKAEAVEGAAT
                  VIEYCKRHVEAA<mark>EKSETTA</mark>DAAAATTTTTVASGSSDEDLK<mark>TW</mark>DSEF<mark>I</mark>KVDQGTLFDLILA
AS K2
                                                           TDDIPVWDOEFIKVDQGTLFELILA
                  VIQWCTHHKDDPPPPEDDENKEKR-
Human-Skp1
Pi SK2
                  {	t ANYLNIKSLLDLTCQTVADMIKGKTPEEIRKTFNIKNDFTPEEEEEEVRRENAWAFE}
Pi SK3
                  Pi SK1
                  {	t ANYLNIKSLLDLTCQTVADMIKGKTPEEIRKTFNIKNDFTPEEEEEEVRREN {	t AWAFE}
                  ANYLNIK<mark>N</mark>LLDLTCQTVADMIKGKTPEEIRTTFNIKNDFTPEEEEEVRREN<mark>Q</mark>WAFE
AS K1
              105
                  ANYLNIK<mark>G</mark>LLDLTCQTVADMIKGKTPEEIRKTFNIKNDFTPEEEEEVRREN<mark>Q</mark>WAFE
             116
AS K2
                  ANYL<mark>DIKGLLDVTCK</mark>TVANMIKGKTPEEIRKTFNIKNDFT<mark>E</mark>EEEAQVRKENQWCEEK
Human-Skp1
             107
```

Supplemental Figure 1. Alignment of Amino Acid Sequences of Pi SK1, Pi SK2 and Pi SK3 of *P. inflata*, ASK1 and ASK2 of *Arabidopsis*, and a Skp1 of human. For a given site, the amino acid that is present in at least three of the sequences is highlighted in dark shading, and the amino acid(s) that is (are) similar to the residue in dark shading is (are) highlighted in gray shading. The black dots show the amino acid residues important for the interactions between the human Skp1 and an F-box protein, Skp2 (Schulman et al., 2000; Zheng et al., 2002).