Table S3. Expression analysis of all potential SI-candidate genes by SqRT-PCR.

SI candidate genes	Expression levels in various tissues	Expression levels in different stages after self-pollination and cross-pollination

F library

Tissue columns: B L P F Po Sti Sty O

Stage columns: 0h 4h 1d 2d 3d 4d 5d 6d 7d

Gene		
H102	A1 / A2	C1 / C2
H115	A1 / A2	C1 / C2
H128	A1 / A2	C1 / C2
H264	A1 / A2	C1 / C2
H304	A1 / A2	C1 / C2
H428	A1 / A2	C1 / C2
H543	A1 / A2	C1 / C2
H556	A1 / A2	C1 / C2
H858	A1 / A2	C1 / C2
H1092	A1 / A2	C1 / C2

R library

Gene		
F15	A1 / A2	C1 / C2
F65	A1 / A2	C1 / C2
F78	A1 / A2	C1 / C2
F960	A1 / A2	C1 / C2
F966	A1 / A2	C1 / C2
F1166	A1 / A2	C1 / C2
F250	A1 / A2	C1 / C2
F465	A1 / A2	C1 / C2
F499	A1 / A2	C1 / C2
F519	A1 / A2	C1 / C2
F546	A1 / A2	C1 / C2

Table S3. *Cont.*

SI candidate genes	Expression levels in various tissues		Expression levels in different stages after self-pollination and cross-pollination	
R library				
F1019	A1		C1	
	A2		C2	
F580	A1		C1	
	A2		C2	
F685	A1		C1	
	A2		C2	
F822	A1		C1	
	A2		C2	

A1, "Wuzishatangju"; A2, "Shatangju"; C1, "Wuzishatangj" × "Wuzishatangju"; C2, "Wuzishatangju" × "Shatangju"; B, Buds; L, Leaves; P, Petals; F, Filaments; Po, Pollen; Sti, Stigmas; Sty, Styles; O, Ovaries.