

Table S1. Primers used in this study

Primers	Sequences (5'→3')
<i>pBI121</i>	F: TGATGTGATATCTCCACTGACGTAA
	R: TTCTACAGGACGTAACATAAGGGAC
<i>BjuACTIN2</i>	F: GCTGACCGTATGAGCAAAGA
	R: GTTGGAAAGTGCTGAGGGAT
<i>BjuSOC1</i>	F: TGAGTTCGCCAGCTCCAATAT
	R: GCCTTCTCCCAAGAGTTTACGT
<i>BjuHDA9</i>	F: TCAACCGTCTGTTCCAGGGCTA
	R: CCAGTCACCAGCAAAGGAATA
<i>BjuAGL15</i>	F: CAACACTTGCTTGGGCGACAT
	R: CTTTGTGCGGTTGCTCTGGTC
<i>BjuAGL18-1</i>	F: GGACCACCATTCTGACACTTC
	R: GATTCGATCTTAGGCTTCTTTATC
<i>BjuAGL24</i>	F: TTGCGATGCTGATGTTGCTCT
	R: CTGGTGATACGGAGAAGGTGG
<i>BjuSVP</i>	F: TGAAAGATACGGTGGTGGTGA
	R: TAAGCCGAGCCTAAGGGAGAT

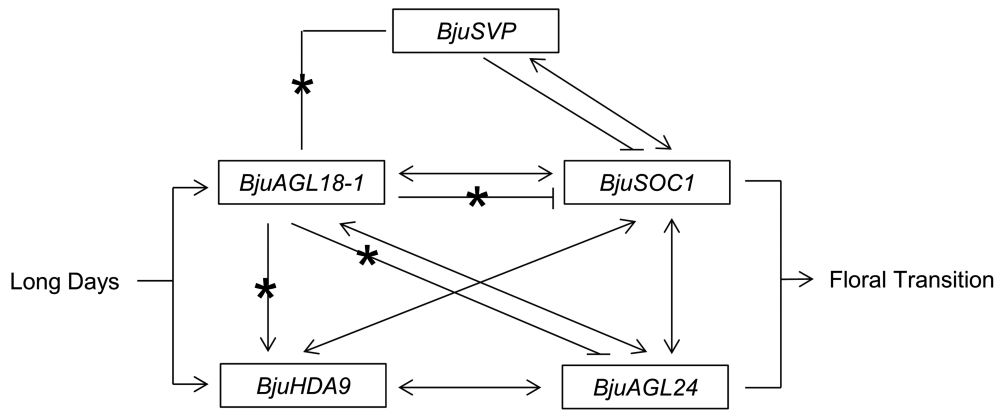


Figure S1. A proposed network between *BjuAGL18-1* and other components in regulating flowering of *B. juncea*. \* indicated work were finished in this study,  $\longleftrightarrow$  indicated interactions between two genes,  $\longrightarrow$  indicated promotion,  $\longrightarrow$  | indicated repression,  $\longrightarrow$  indicated neither promotion nor suppression.