

Supplementary Materials

Alteration of *SIYABBY2b* gene expression impairs tomato ovary locule number and endogenous gibberellin content

Hui LI, Mei-hua SUN, Ming-fang QI, Jiao XING, Tao XU, Han-ting LIU, Tian-lai LI
 Key Laboratory of Protected Horticulture of Liaoning Province / Collaborative Innovation Center of Protected Vegetable Surround Bohai Gulf Region / Horticulture Department, College of Horticulture, Shenyang Agricultural University, Shenyang 110866, China

Table S1 Gibberellin mutants and wild types

Gene	Locus name	Class	Origin	Back	Iso	Accession
<i>gib-1</i>	<i>gibberellin deficient-1</i>	K*Y	CHEM	MM	IL	LA2893
<i>gib-3</i>	<i>gibberellin deficient-3</i>	K*Y	CHEM	MM	IL	LA2895

Wild type: MM: LA2706

Table S2 RT-PCR primers used to amplify gene-specific regions

Category	Accession number	Primers sequences (5'→3')
Actin	Q96483	Forward: TGT CCC TAT TTA CGA GGG TTA TGC Reverse: AGT TAA ATC ACG ACC AGC AAG AT
<i>SIYABBY2b</i>	EU557674	Forward: ATA TTA GCC ATC GTG AAG C Reverse: TCG CTA TTT GTT GCC CTC C
<i>SICPS</i>	AB015675	Forward: ATA CCT AGA GCT AGC GAA ATC Reverse: CCA ATG CAT GAT AAA TCC GTC A
<i>SIGA20ox1</i>	X83379	Forward: ATG GCG TTC CAT CAG TCC Reverse: CCT TCT ATG TTT TCA ACG GAT GTG
<i>SIGA20ox2</i>	X83380	Forward: CTA CAA GGC TCG TCC CAC A Reverse: ATA ACA TTA CGC TAC TCG TGA G
<i>SIGA20ox3</i>	X83381	Forward: TGG CCG GAC CAT GAG AA Reverse: TCA CCC CAT GAA AGT TTA CTG G
<i>SIGA2ox1</i>	AJ132435	Forward: CCT CAC CCG AAT ACT GCT TT Reverse: ACA CTC CGT ATC CCG GT
<i>SIGA2ox2</i>	AJ132436	Forward: ATG TGG CGG AGG GAT T Reverse: TTA GTG ATA GGC GGT ACG A
<i>SIGA2ox3</i>	AJ322437	Forward: TCT AAT GAC CCT TCT ACT TTC AGC Reverse: TAA CCA CCG ACT TCC AAA TA
<i>SIGA2ox4</i>	NM103695	Forward: AAG TTG GCG GAG GGA TTA Reverse: TTA GTG ATA GGA GGT ACA GGA C
<i>SIGA2ox5</i>	EF441355	Forward: TTC GCA TCT GTA TTA GGT GTC A Reverse: CTT TTC AAC CGC CTC CC
<i>SIGA3ox1</i>	L37126	Forward: TCA CTG TCC CTC CAA TAC CC Reverse: GTA GCC CGC CAG CAT TT
<i>SIGA3ox2</i>	AF070937	Forward: AGA CCA AAG GAA CCC TCA AA Reverse: TAG ACA AGC CGA AAC ACG A