Table S1 Sequence information of PCR primers used for plasmid construction and qRT-PCR

Purpose	Name		Sequence (5'-3')
d1-*LMX5*	LMX5	F	(KpnI) GTTGGTACCGATGCAAAAGCTGGAATGAG
		R	(BamHI) GTTGGATCCGAGAAGAAGGTGTTTGG
d1-*TobRB7*	TobRB7	F	(KpnI) GTTGGTACCCTTTTAGAATGCGT
		R	(BamHI) GTTGGATCCCTCACTAGAAAAATGC
d1-*Promoter*:: *NOS*	NOS Ter	F	(MluI) CACACGCGTTCCCCGATCGTTCAAACATTTGGCA
		R	(SalI) CGCGTCGACCGTTGATGAAGCTAATTCCCGATCT
Promoter:: *PtGA20ox-NOS*	PtGA20ox	F	(BamHI) GTTGGATCCATGGCAATAGATTGCATCA
		R	(MluI) CACACGCGTTCAGCTAAAACTTCGTTGATG
Promoter:: PtGA2ox1-NOS	PtGA2ox1	F	(BamHI) GTTGGATCCATGGTTCTCGTGCACAAGCCAG
		R	(MluI) CACACGCGTCGAGGCTGCTATTCTCTCG
35S::PtGAI-NOS	GAI	F	(BamHI) GTTGGATCCATGAAAAGAGAACACTCAAATCTCC
		R	(MluI) CACACGCGTAGCAGCACCACCTACTGG
qRT-PCR	RT-NtActin	F	AATTGCTGATAGGATGAGTAAGGA
		R	CCTTTGCAATCCACATCTGTT
qRT-PCR	RT-PtGA2ox1	F	CACAAGCCAGCACTTCAACAG
		R	ATGCCTTAACCAGGAGGTGC
qRT-PCR	RT-PtGA20ox	F	CACCCAAAAGATCAGGATCAAT
		R	GAGGAAATCACCCAAGTCTACAA
qRT-PCR	RT-PtGAI	F	CCGACCACAAACATCATCAG
		R	GGCCATTAAGAGATGGACGA
qRT-PCR	RT-NtGA2ox1	F	ATTGGACCCAATGGCGATGT
		R	TGCAGCCCGAATTGTTTCTG
qRT-PCR	RT-NtGA20ox	F	TGCCAGAAACCAGACCTCAC
		R	CAAAAACTTGAAGCCCGCCA

Restriction enzyme sites are indicated by underlines.

Fig. S1. Phenotypic characterisation of WT and transgenic plants grown in greenhouse.

Seventy day-old wild-type and transgenic plants grown in greenhouse were pictured. Bar = 10 cm.

Fig. S2. Gibberellin concentrations in leaves, stems, and roots of wild-type and transgenic tobacco.

Wild-type and transgenic plants were grown *in vitro* on hormone-free medium for 4 weeks. GA concentrations in stems, roots and leaves were assessed using an LC-MS system. Values are means ± SE of three biological replicates

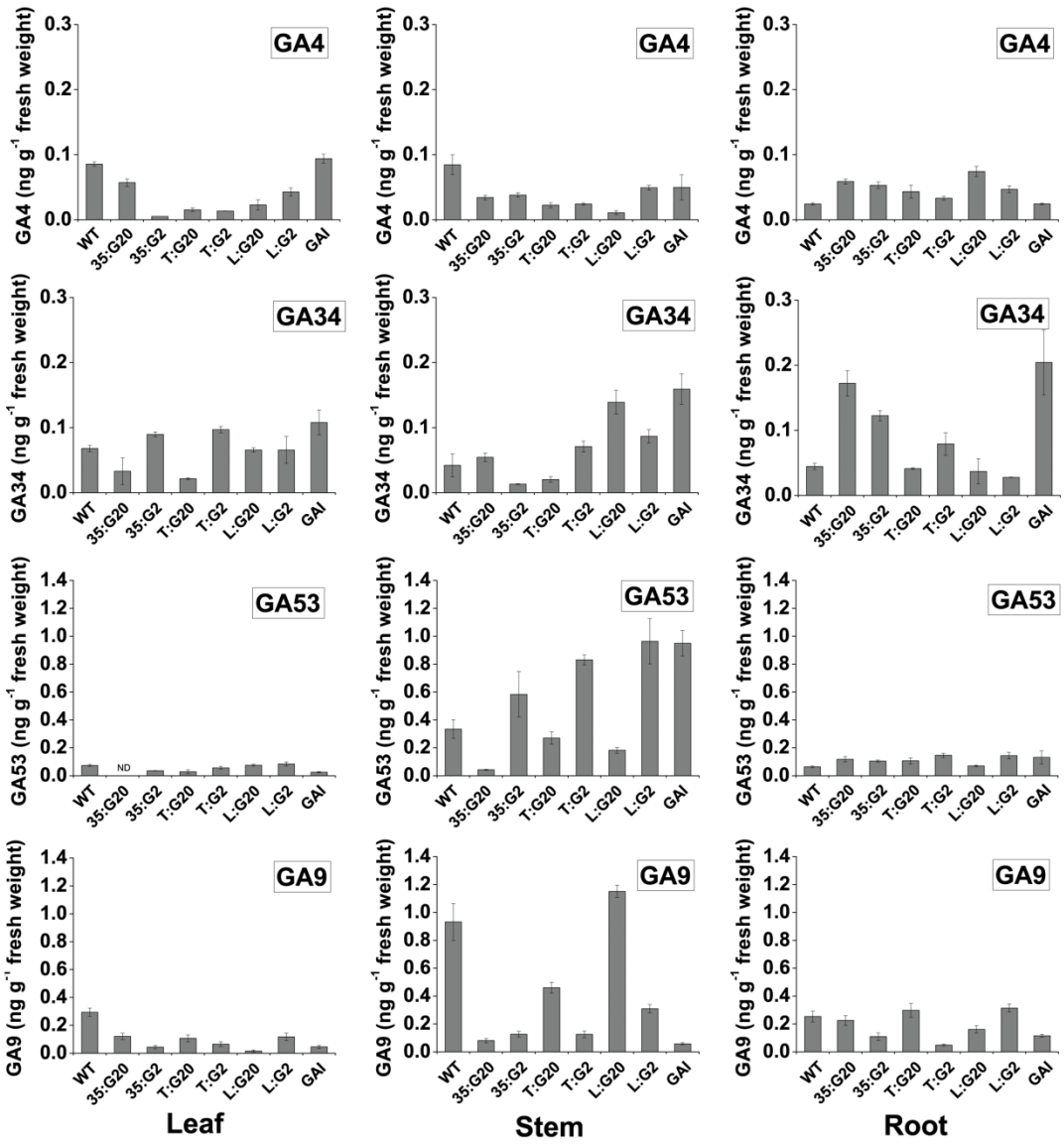

Fig. S3. The effects of excision of developing and mature leaves on stem elongation. Wild-type and transgenic plants were grown *in vitro* on hormone-free medium for 4 weeks. The plants on the right of each line had their developing and mature leaves excised every 3 days. Bar = 10 cm.

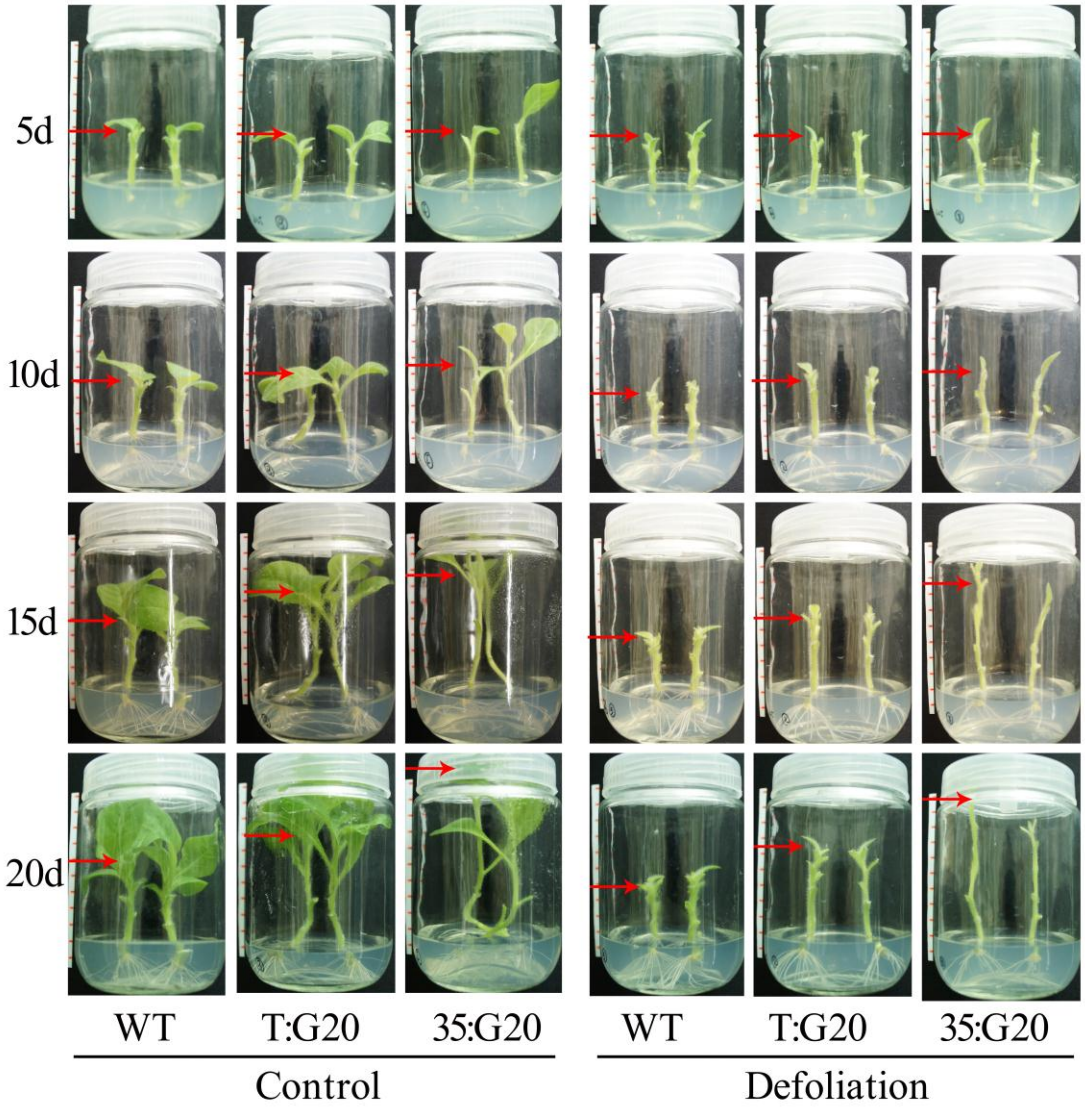

Fig. S4. The high level of IAA or NAA and GA arrest adventitious root formation with more callus formation at the base of the stem cutting.

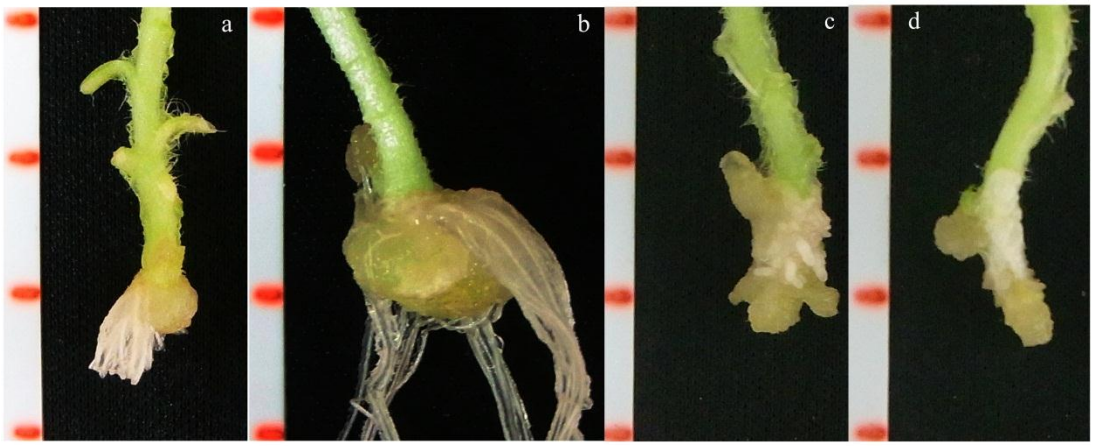

Fig. S5. The formation of adventitious roots from petioles and midvein sections of WT, 35:G20 and 35:G2 plants pre-cultured in GA_3 or PAC-containing media.

The petioles and midvein sections from WT, 35:G20 and 35:G2 plants pre-cultured in GA3 or PAC-containing media for 2 weeks were cut into 10-mm-long segments and cultured 3 weeks on MS medium. The concentrations of IAA, GA_3 and PAC were each 1 mg L^{-1}.