

**Table S1.** Summary of transgenic gentian production and Southern analysis.

vectors	No. of transgenic plant lines	No. of lines having single band		No. of lines analyzed for DNA methylation
		<i>bar</i>	<i>sGFP</i>	
unmodified 35S	21	12	12	12
(Transgenic tobacco)	31	8	6	6
35S( $\Delta as-1$ )	29	14	16	14
35S( <i>nos-1</i> )	15	11	10	10
35S( <i>PhCHS</i> )	41	13	16	11
35S( <i>GtCHS</i> )	27	17	17	14
35S core	31	12	13	10
35S( $\Delta core$ )	51	16	22	15