

Supplement 1 The primer sequences used for designing full-length cDNA of *Catharanthus roseus* geraniol synthase (*CrGES*) or a truncated version without its plastidial leader peptide (Δ pl*CrGES*). Construct no. 1 and 2 are the inserts for constitutive expression. Construct no. 3 and 4 are the inserts for transient expression.

No	Constructs	Primer sequences	
		Forward	Reverse
1.	<i>Sall</i> - <i>CrGES</i> - <i>Xba</i> I	5'-GTCGACAAAATGGCAGCCACAATTAGTAACC-3'	5'-TCTAGATTA AAAACAAGGTGTAAAAACAAAGC-3'
2.	<i>Sall</i> - Δ pl <i>CrGES</i> - <i>Xba</i> I	5'-GTCGACAAAATGTCTCTGCCTTTGGCAACT-3'	5'-TCTAGATTA AAAACAAGGTGTAAAAACAAAGC-3'
3.	<i>Sall</i> - <i>CrGES</i> - <i>Sall</i>	5'-GTCGACAAAATGGCAGCCACAATTAGTAACC-3'	5'-GTCGACAAAACAAGGTGTAAAAACAAAGC-3'
4.	<i>Sall</i> - Δ pl <i>CrGES</i> - <i>Sall</i>	5'-GTCGACAAAATGTCTCTGCCTTTGGCAACT-3'	5'-GTCGACAAAACAAGGTGTAAAAACAAAGC-3'