

Table S13: Primers and templates used for cloning of *in situ* probes.

gene	primer	template	sequence
AT1G06170	P1	Col-0 inflorescence cDNA	CCACTCCTGACCTACTCAGTC
AT1G06170	P2	Col-0 inflorescence cDNA	CTTGATCCACTCCCATGAAACTC
AT1G28050	P3	Col-0 inflorescence cDNA	GATGACTACAAGCGATCAACTTC
AT1G28050	P4	Col-0 inflorescence cDNA	CAGATCAGCCTTAGTTGCAACTAG
AT1G76580	P5	Col-0 inflorescence cDNA	ATGAGAGACAACCACAGTTACAAC
AT1G76580	P6	Col-0 inflorescence cDNA	CTCTGATACTTTAGAGCCCACTTG
AT1G59740	P7	Col-0 inflorescence cDNA	TGCACGTAAGCTCACAGGAC
AT1G59740	P8	Col-0 inflorescence cDNA	CCGTCAAGAACCGAAGAGTCTC
AT1G14900	P9	Col-0 inflorescence cDNA	CGTCCTCCGAAGCAGAAGAC
AT1G14900	P10	Col-0 inflorescence cDNA	CTTCGGAGGTCTCCCACGT