

Table S1. Primers used for PIPE-cloning of the *PEP2* locus

<i>PEP2</i> 4Kb promoter region cloning	Forward	GGGGACAAGTTTGTACAAAAAAGCAGGCTTCGTCCAGATCCCGGACATGGC
	Reverse	TGTGGTGCATCATTTAGATCCCACATTTTTTTTTTTTTGGTTATAAAAAGTTTAA AGAAAATTTCAATCT
<i>PEP2</i> from ATG to the downstream gene	Forward	GGGGACAAGTTTGTACAAAAAAGCAGGCTTCATGTGGGATCTAAATGATGC ACCACA
	Reverse	GGGGACCACTTTGTACAAGAAAGCTGGGTCCTAGCATTACTATGATTTTATA TATATAGAGGAGATCTTGCGG
PIPE for <i>pPEP2::PEP2</i>	Forward	AGATTGAAATTTTCTTAAAACCTTTTTATAACCAAAAAAAAAAAAAATGTGGGATC TAAATGATGCACCACA
	Reverse	GAAGCCTGCTTTTTTGTACAAACTTGGC
C-terminal VENUS-9Ala cloning	Forward	TCCAACCTCCTCATGAGACCTTCTATGGCTGCGGCTGCTGC
	Reverse	CTTTTTCAGAATTTGTCACCTTATATATATATAAAAAGGGATTTAGAATAATAA AGATTTACTTGTACAGCTCGTCCATGCCG
PIPE for <i>pPEP2::PEP2::VENUS-9Ala</i>	Forward	GCAGCAGCCGCAGCCATAGAAGGTCTCATGAGAGGAGGTTGGA
	Reverse	CGGCATGGACGAGCTGTACAAGTAAATCTTTATTATTCTAAATCCCTTTTTAT ATATATATAAGTGACAAATTCTGAAAAAG
N-terminal VENUS-9Ala cloning	Forward	GATAGATTGAAATTTTCTTAAAACCTTTTTATAACCAAAAAAAAAAAAAATGGTGA GCAAGGGCGAGG
	Reverse	CGCTGCCGCAGCGGCAGCAGCCGCAGCGCCCTTGTACAGCTCGTCCATGCC G
PIPE for <i>pPEP2::VENUS-9Ala::PEP2</i>	Forward	TGCCGCTGCGGCAGCGATGTGGGATCTAAATGATGCACCACA
	Reverse	CCTCGCCCTTGCTCACCATTTTTTTTTTTTTGGTTATAAAAAGTTTAAAGAAAAT TTCAATCTATC

Table S2 Statistical differences in Figure S2 determined by multiple pairwise comparisons using Benjamini-Hochberg-corrected p-values comparing *FLC* mRNA levels between *FRI* and *FRI ap2-7* at different developmental stages. The comparisons highlighted in yellow are significantly different (α -value of 0.05).

	ap2 0	ap2 10	ap2 20	ap2 30	ap2 40	ap2 10AV	ap2 20AV	FRI 0	FRI 10	FRI 20	FRI 30	FRI 40	FRI 10AV
ap2 10	0.00388	-	-	-	-	-	-	-	-	-	-	-	-
ap2 20	0.90625	0.0046	-	-	-	-	-	-	-	-	-	-	-
ap2 30	0.10564	0.00024	0.08783	-	-	-	-	-	-	-	-	-	-
ap2 40	0.01998	0.000067	0.01696	0.39686	-	-	-	-	-	-	-	-	-
ap2 10AV	0.0019	0.000018	0.00167	0.04615	0.21223	-	-	-	-	-	-	-	-
ap2 20AV	0.001	0.000018	0.0009	0.02032	0.10624	0.68568	-	-	-	-	-	-	-
FRI 0	0.67245	0.0019	0.60086	0.21316	0.04624	0.00391	0.0019	-	-	-	-	-	-
FRI 10	0.07517	0.13771	0.08896	0.00285	0.00077	0.000087	0.000067	0.03201	-	-	-	-	-
FRI 20	0.26256	0.00066	0.22518	0.58313	0.16414	0.01552	0.00676	0.50678	0.00831	-	-	-	-
FRI 30	0.02578	0.000076	0.0208	0.48316	0.88647	0.17151	0.08564	0.06083	0.00091	0.20651	-	-	-
FRI 40	0.00824	0.000046	0.00676	0.19981	0.65729	0.42811	0.22518	0.01969	0.00034	0.07402	0.57001	-	-
FRI 10AV	0.0023	0.000018	0.0019	0.06002	0.25823	0.88647	0.60086	0.00501	0.0001	0.01969	0.21223	0.50792	-
FRI 20AV	0.00123	0.000018	0.00103	0.02634	0.13771	0.79724	0.88647	0.00239	0.000067	0.00863	0.10624	0.28038	0.68568

