

Regulation of tissue specific expression of *SPATULA*, a bHLH gene involved in carpel development, seedling germination and lateral organ growth in *Arabidopsis*

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Supplementary Table S1. Primers used for PCR in this study. Sequences underlined are restriction sites.

A. Primers used for the generation of 5' truncations of the pSPT-1262 clone

Primer Name	5' to 3' Primer Sequence
pSPT-1262F	ATT <u>ACTGCAGCTTTTAGCAATTGTCTCC</u> CATA
pSPT-1203F	AAATTGA <u>AGCTTCGAGGTTAAGTGAATGTTGC</u>
pSPT-313F	CACA <u>AGCTTTGAGAAAACAGATAAAGGTT</u>
pSPT-260F	CACA <u>AGCTTCTAACTACGAGTAGTAGTTAG</u>
pSPT-221F	CACA <u>AGCTTGAGGAAAAGTTTTGGGAGAG</u>
pSPT-1262R	CGAGACTT <u>CTCGAGTTATCTGCAT</u>
pSPT-100R	GGGGTACCTCATT <u>TAGTTAAAAGTGAAGGTAGCTGTT</u>

B. Primers used for the generation of BoSPT-2660 and pBoSPT-1857 from BAC genomic clones BOMRKN39 and BOMRY82 of *Brassica oleracea*

Primer	5' to 3' Primer Sequence
TF (full insert)	TGTAAAACGACGGCCAGT
TR (full insert)	CAGGAAACAGCTATGACC
BOMKN39TR	AAGCACCCATTAATCATGC
BOMKN39TF	GCCAGGTTGGACACAGAAGT
BOMRY82TR	TCGATTTAATTGTCGTTGTAGGAA
BOMRY82TF	CGTGCACAATTCTAAAACGA
39BoSPTpromF	CGCGGTACCCTAAGCATTCTCTCTAAGCACC
39BoSPTpromR	GTCA <u>AGCTTAGAGGGTGGATGATGATTGC</u>
82BoSPTpromF	CCGCTCGAGTTAATCAA <u>ACTCTACCATGTCACTT</u>
82BoSPTpromR	CGCGGTACCAATTAATATAATAGTGGGTGAGATCC

C. Primers used for site directed mutagenesis of putative Auxin Response Elements and E-boxes in pSPT-1262 in pBluescript

Primer Name	5' to 3' Primer Sequence
Upstream flanking primer	CGAGGTTCGACGGTATGGATA <u>AAGCTT</u> G
Downstream flanking primer	CGTCTCTTCTCGAGTTATCTGCATGTGG
MutAuxRE2(1)	GTAGTTTAGTGCGGCTCACGTGCGAC
MutAuxRE2(2)	GTCGCACGTGAGCCGCACTAAACTAC
MutAuxRE1(1)	AGAGAGGGAGAGAGGCATGCACGCGCCAGCT
MutAuxRE1(2)	AGCTGGCGCGTGCATGCCTCTCTCCCTCTCT
MutAuxRE3(1)	AGAGA <u>AAGCTT</u> AGCAATAGACTCCCATATGC
MutCE#2(1)	GTGTGTCTCACGAACGACGAGGAAA
MutCE#2(2)	TTTCTCGTCGTTTCGTGAGACACAC
MutCE#1(1)	TTCTTAGCTGGTTTGTGACAGACACTC
MutCE#1(2)	GAGTGTCTGTCACAAACCAGCTAAGAA
MutCE#3(1)	AGAGAAGCTTAGAGATTGTCTCCCATAAACTTTTCCTTTG