



Supplementary Fig. S19

The *PagWUS-PagCLV3* module mediated proper secondary growth of the stem. Transection of the third (a) and tenth internode (b) of wild-type showed normal secondary growth pattern. In the upper part of *CRISPR-PagCLV3-1-2* stem, vascular bundles were evenly distributed (c), while the thickening process was uneven in the lower part (d). Similarly, the *35S::PagWUS1* stem demonstrated evenly distributed vascular bundles in the upper part (e), and uneven thickening process in the lower part of stem (f). Bars = 200 μ m.