**Supplementary Table S3**. The distance between the most apical protoxylem element and the SAM.

|  |  |  |  |  |
| --- | --- | --- | --- | --- |
| Developmental stage | n | Distance range  (μm) | Mean distance  (μm) | sd |
| WT stage I-III | 10 | 43-161 | 93.3 | ± 33.04 |
| *pin1* stage I | 7 | 437-1007 | 602 | ± 201.99 |
| *pin1* stage II | 8 | 326 - 441 | 373.75 | ± 44.2 |
| *pin1* stage III | 8 | 139 -221 | 171.25 | ± 27.59 |
| n - number of analyzedstems  sd – standard deviation, related to the mean distance measurements | | | | |