Supplementary materials

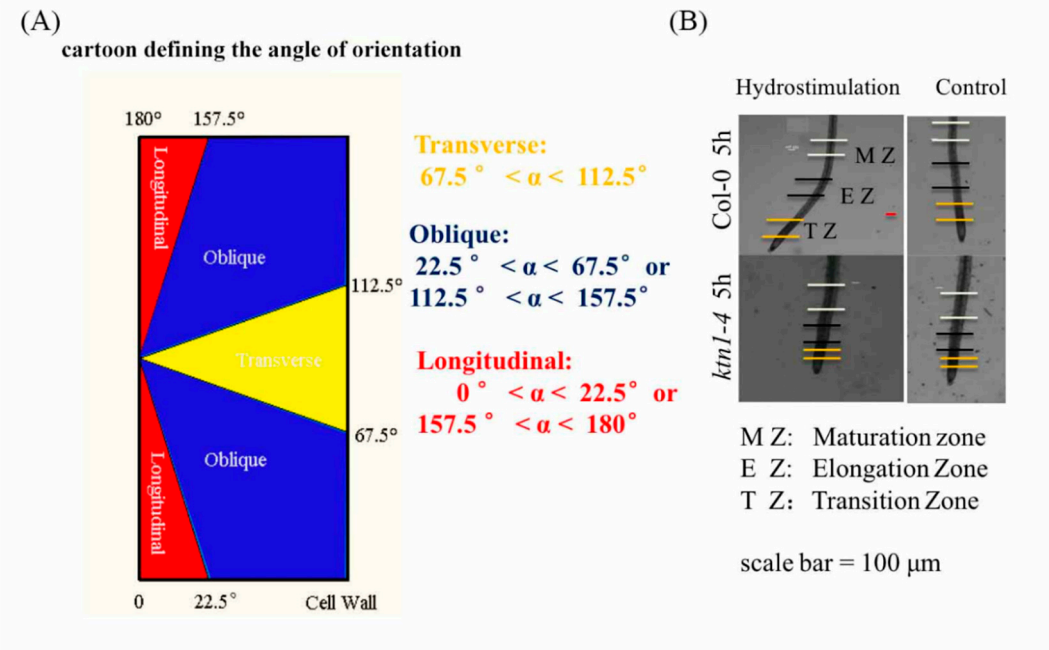


Figure S1. Cartoon representing the microtubule orientation angle (α). (**A**) Transverse: 112.5°≥α>67.5°. Oblique: 67.5°≥α>22.5° or 157.5°≥α>112.5°. Longitudinal: 22.5°≥α>0 or 180°≥α>157.5°. (**B**) Indicated maturation zone, elongation zone, and transition zone in WT and *ktn1-4* mutant roots before or after hydrostimulation treatment.

Table S1. Primers used in the study.

Name	Sequence
FBA2-F	CCTCGTCGAGCAGAACATTG
FBA2-R CLO4-F	TGTGAAATGGCAGCGTATCG
CLO4-R	CCAAACACGGAAGCGATTCA
	TGCAATACCTTCCACTCCGT
Actin-2-F	CCCGCTATGTATGTCGC
Actin-2-R	AAGGTCAAGACGGAGGAT