

**Table S2. Measurement of the cell size in the petiole of the fifth leaf of wild type, and *lng1-1D*, *lng1-3 lng2-1*, *rot3-1*, *lng1-3 lng2-1 rot3-1* and *lng1-1D rot3-1* mutants**

	Col-0	<i>lng1-1D</i>	<i>lng1-3 lng2-1</i>	<i>rot3-1</i>	<i>lng1-3 lng2-1 rot3-1</i>	<i>lng1-1D rot3-1</i>
Epidermal cell size (μm) in petiole measured in the leaf length direction	392.8±34.9 ( <i>n</i> =5)	463.3±38.5* ( <i>n</i> =4)	295.0±51.4* ( <i>n</i> =4)	205.5±70.9* ( <i>n</i> =5)	140.0±19.3* ( <i>n</i> =5)	215.9±20.8* ( <i>n</i> =5)
Palisade cell size (μm) in petiole measured in the leaf length direction	141.1±19.3 ( <i>n</i> =5)	179.0±21.5* ( <i>n</i> =4)	110.4±16.0* ( <i>n</i> =4)	111.7±15.9* ( <i>n</i> =4)	83.3±11.4* ( <i>n</i> =4)	128.3±13.5 ( <i>n</i> =5)

Fully expanded leaves from 39-day-old old plants were subjected to paradermal image. For cell size measurements, more than 100 cells were assayed in the leaf petioles. Results are given ±s.d. *n*, number of plant leaves measured.

\*Compared with the wild type, level of significance was 5% (paired Student's *t*-test).