

**Table S1. Root hair and non-hair cell specification in the root epidermis of wild-type, mutant and transgenic lines**

Genotype	Hair cells in epidermis (%)	H cell position		N cell position	
		Hair cells (%)	Non-hair cells (%)	Hair cells (%)	Non-hair cells (%)
WT (Col)	42.1±3.6	98.0±1.7	2.0±1.7	0.8±1.0	99.2±1.0
WT (WS)	41.6±4.0	93.8±2.2	6.2±2.2	0.5±0.5	99.5±0.5
<i>tcl1-1D</i>	41.2±4.4	90.2±3.7	9.8±3.7	1.0±1.2	99.0±1.2
35S:HA-TCL1	40.9±3.9	91.2±2.3	8.8±2.3	2.3±2.0	97.7±2.0
<i>P<sub>TCL1</sub>:TCL1-GFP/tcl1-1</i>	42.2±4.7	96.8±1.9	3.2±1.9	0±0	100±0
<i>tcl1-1</i>	41.4±5.3	93.1±3.2	4.1±3.2	0±0	100±0
<i>cpc</i>	13.8±3.4*	23.4±4.9*	76.6±4.9*	0±0	100±0
<i>try</i>	41.4±3.1	96.5±3.5	3.5±3.5	1.0±0.6	99.0±0.6
<i>tcl1-1 cpc</i>	14.4±3.0*	22.9±5.2*	77.1±5.2*	0±0	100±0
<i>tcl1-1 try</i>	39.8±3.3	95.7±3.3	4.3±3.3	1.6±2.0	98.4±2.0
<i>cpc try</i>	0±0*	0±0*	100±0*	0±0	100±0
<i>tcl1-1 cpc try</i>	0±0*	0±0*	100±0*	0±0	100±0

Values indicate mean±s.d. of at least ten roots for each line. In all strains, approximately 40% of epidermal cells are in the H position.  
\*, P<0.05, relative to the corresponding wild-type line.