

Parameter	Col-0	<i>atphb3</i> ^{KO}	<i>atphb3</i> ^{KO} /Col-0 ratio	P-value
Root elongation rate ($\mu\text{m h}^{-1}$)	297 \pm 8	80 \pm 4	0.27	0.0001
Growth zone size (μm)	1242 \pm 72	773 \pm 50	0.62	0.0001
Mature cell length (μm)	180 \pm 12	166 \pm 9	0.92	n.s.
Meristem size (μm)	528 \pm 15	334 \pm 16	0.63	0.0001
Meristem cell number	55 \pm 1	25 \pm 2	0.45	0.0001
Cell cycle duration (h)	23.3 \pm 1.7	35.3 \pm 2.7	1.51	0.0029
Cell production rate (cells h ⁻¹)	1.70 \pm 0.13	0.49 \pm 0.02	0.29	0.0001
Time in division zone (h)	135 \pm 10	164 \pm 17	1.21	n.s.
Time in elongation zone (h)	5 \pm 1	10 \pm 1	2.07	0.0004
Elongation zone cell number	8 \pm 1	5 \pm 1	0.61	0.0015
Expansion rate (% h ⁻¹)	29.1 \pm 2.7	13.2 \pm 0.6	0.45	0.0007

n.s., not significant.

Table 2 Overview of growth parameters of wild-type and *atphb3*^{KO} cortex cells in the root apical meristem