Table S1. Nuclear size of developing wild-type and *blt* mutant trichome and pavement cell nuclei

Genotype	Cell type	Cross-sectional area (μm^2)*	Estimated volume (μm^3)†
Col-0	Developing trichome	45.8±10.3 (12)	233.0
blt-3	Developing trichome	44.5±12.0 (10)	223.3
Col-0	Developing protoderm	15.0±2.2 (8)	43.7
blt-3	Developing protoderm	14.8±2.6 (11)	42.8

Cross-sectional areas of DAPI-stained developing trichome and pavement cell nuclei were determined using images captured and analyzed using Slidebook software (Intelligent Imaging Innovations, Denver, CO, USA). Based on a Kruskal-Wallis one-way ANOVA on ranks and an all pairwise multiple comparison test (Dunn's test), all pairwise comparisons differ significantly ($P<0.05$), except Col-0 developing trichome nuclear size versus *blt-3* nuclear size and Col-0 developing protoderm nuclear size versus *blt-3* nuclear size.
*Mean±s.d. (*n*).
†Volume estimated from cross-sectional area assuming that the nuclei are spherical.