

Table 1 Suppl. Analysis of seedling morphology. Several growth parameters were compared between wild type and *vamp721vamp722* seedlings. Means $\pm$ SDs, $n = 3$. One-way analysis of variance (*ANOVA*) with LSD test was applied to determine the significance of the results between the wild-type and homozygous double mutant; *** - significant differences ($P < 0.001$).

Genotype	Root length [mm]	Hypocotyl length [mm]	Cotyledon size [mm ²]	Epidermal cell size [μm ²]	Lateral root number
wild type	10.90 $\pm$ 0.73	1.49 $\pm$ 0.09	2.04 $\pm$ 0.26	2156 $\pm$ 279	7 $\pm$ 1
<i>vamp721vamp722</i>	0.41 $\pm$ 0.06***	0.93 $\pm$ 0.08***	0.30 $\pm$ 0.04***	896 $\pm$ 109***	1 $\pm$ 0***

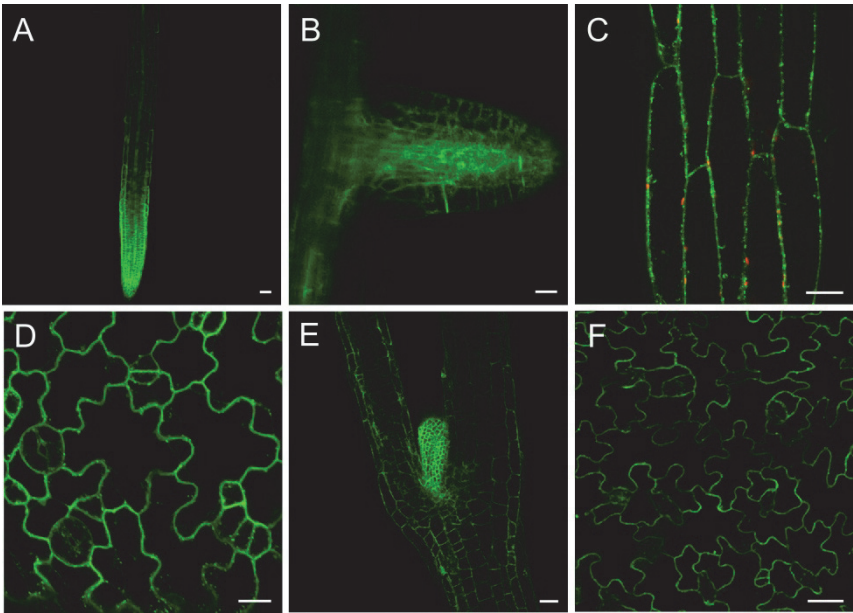


Fig. 1 Suppl. Tissue expression of VAMP722. *A* - The signals of GFP-VAMP722 were observed in the whole root, similarly to the expression of GFP-VAMP721, *bar* = 30 μm. *B* to *F* - GFP-VAMP722 was expressed in lateral root (*B*), hypocotyl (*C*), cotyledon (*D*), shoot apical meristem (*E*), and true leaf (*F*), *bars* = 10 μm in (*B-D*), 50 μm in (*E*), and 20 μm in (*F*). The red fluorescence in (*C*) was the autofluorescence of the chloroplast.