

Supplementary Figure S4 Morphology of PSVs in *pat4-2* mutant.

(A-B) PSV in embryo root cells of control (A) and *pat4-2* (B). (C) Quantification of the PSVs morphology. *pat4-2* mutant (gray bar) show smaller PSVs compared to wild-type seeds (black bar). Scale bar =10  $\mu$ m.