



S5 Fig. Plasmolysis analysis of *OsGLIP1-GFP* and *OsGLIP2-GFP* transgenic plants cells

The root tips of transgenic plants were incubated in 25% sucrose to induce cell plasmolysis and then observed under confocal microscopy. (A, B) Confocal images of *OsGLIP1-GFP* (A) and *OsGLIP2-GFP* (B) after cell plasmolysis. Scale bars = 20 μm . (C) *OsGLIP1-GFP* root cells without plasmolysis to show the endomembrane systems that link *OsGLIP1-GFP* labelled vesicles. Scale bar = 20 μm .