



**Figure S6. Subcellular localization of VIP1 variants harboring point mutations in the putative phosphorylation sites.** A VIP1 variant with either S → D mutation at the amino acid position 79 or S → A mutation at the position 115 (VIP1S79D or VIP1S115A, respectively) was expressed as a GFP-fused protein (VIP1S79D-GFP or VIP1S115A-GFP) in Arabidopsis. Non-mutated VIP1 (VIP1 (WT)-GFP) was used as control. GFP fluorescence in a root was observed 0, 10 and 120 minutes after the root was submerged in 20 mM Tris-HCl, pH 6.8 (hypo-osmotic treatment). More than five individual plants were used for observation in each genotype, and for each construct, representative images in the same root are shown. Scale bars = 100  $\mu\text{m}$ .