



**Figure S3. Fluorescence images of *HAC1* promoter driven *HAC1*-GFP fusion protein.** (A) Fluorescence image of whole transgenic seedling obtained with a stereo fluorescence microscope. (B-C) Fluorescence images of the root hair region (B) and root tip region (C) obtained with a confocal microscope. The upper panels in (B-C) show optical section at the position indicated with a green horizontal line, and the right panels in (B-C) show optical sections at the position indicated with a red vertical line. Blue lines in top and right panels represent the z-axis. Scale bar = 1 mm in (A) and 50  $\mu$ m in (B and C).