



Supplementary Figure S3. Seed plumpness of WT and OE seeds after HTH stress. (A,B) the mature seeds harvested from the *GmPAL1.1* overexpressing *Arabidopsis* (OE) lines and WT after treated under normal condition and HTH stress at the physiological maturity stage, prespectively. Seeds were photographed using a MVX10 stereo fluorescence microscope (Olympus, Tokyo, Japan) and the number of plump seeds was counted.