



Supplementary Figure S3. Characterization of T-DNA mutants of *AtPLL15*, *16*, *19* and *26*. **(A)** The illustration for T-DNA insertion. The triangle shows the insertion position and the lines on triangles represent insertion direction. **(B)** RT-PCR results for *AtPLL15*, *19* and *26* genes. Dashed line separated results for the three pairs of primers, one spanning the T-DNA insertion site, second corresponding to the 5'-part of transcript, third to the 3'-part of the transcript. Col.0 gDNA and Col.0 cDNA were used as control, top to bottom panels indicated four *AtPLL* genes. DNA ladder was shown on the left. **(C)** Hypocotyl cross section at seedling stage. Scale bar, 20 μ m.