



Figure S2. Genetic transformation and molecular characterization of *AtSep2* in poplar. **(A)** Genetic transformation and resistant plant screening in poplar with the *AtSep2* gene using the leaf plate method. **(B)** Identification of the DNA levels and semi-quantitative PCR analysis of *AtSep2* transcription in the wild-type (WT) and transgenic poplar lines (#1, #2).