



viability, germination rates or timing of leaf emergence. For determination of seed viability and germination rates (A), lots of 30 seeds from each genotype were cultivated in half-strength Murashige & Skoog medium under growth chamber conditions (see Materials and Methods). Data shown corresponds to means  $\pm$  SEM of 4 independent experiments. Determination of time to leaf emergence (B) was performed using 12-13 plants germinated at the same time in soil as described in Materials and Methods. Data shown are means  $\pm$  SEM.. No

significant differences were found at P < 0.05 using ANOVA.

Supplementary Figure S3. Plastid-targeted Fld did not affect seed