



**Figure S4. Analysis of *lik1* insertion mutants.**

(A) A diagram of the LIK1 protein showing the locations of the various T-DNA insertion mutations (*lik1-1*, *lik1-2*, *lik1-3* and *lik1-4*).

(B) Predicted structure of the LIK1 protein, including the signal peptide, leucine-rich repeat domain, transmembrane domain, kinase domain and polythreonine tract.

(C) semi qRT-PCR analysis of the LIK1 expression in wild-type and insertion mutant from 12-day-old seedling plants. Primers were designed to amplify the kinase domain of LIK1 (as described in the Materials & Methods).