



Figure S1. Amino acid sequence analysis of StCDPK13. Low complexity region is highlighted in green from 14 – 24 amino acids (aa). The Ser/Thr protein kinase catalytic domain is shown in red from 73 – 331 aa, containing the active site, ATP binding site, polypeptide substrate binding site, and the activation loop (A - loop). The EF hands location is colored in blue: EF hand I (378 -406 aa), EF hand II (414 – 442 aa), EF hand III (450 – 478 aa), and EF hand IV (485 – 513 aa).