

## **Description of Additional Supplementary Files**

File Name: Supplementary Data 1

Description: contains the list of genes for which we detected single nucleotide variants in at least two of our miltefosine-resistant mutants.

File Name: Supplementary Data 2

Description: contains the list of genes for which we detected single nucleotide variants in at least two of our paromomycin-resistant mutants.

File Name: Supplementary Data 3

Description: contains data pertaining to the interactome of the CDPK1 protein kinase and its variants.

File Name: Supplementary Data 4

Description: contains data pertaining to the identification of proteins from the kinase assay performed with immunoprecipitated CDPK1.

File Name: Supplementary Data 5

Description: is listing the PCR primers used in this study.