

Supplementary Figures

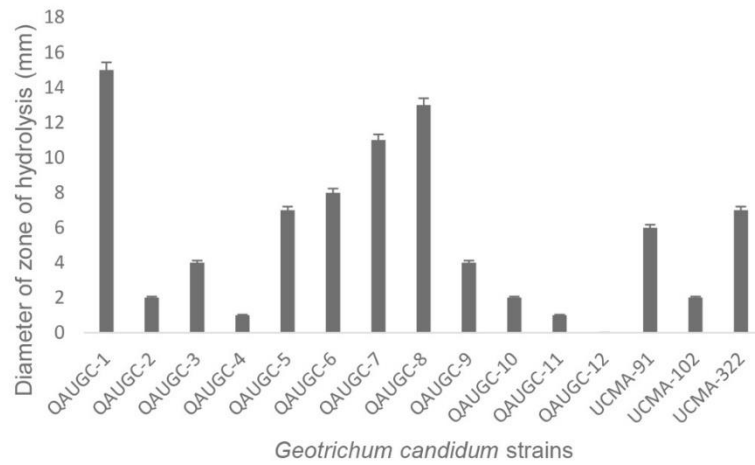


Figure S1. Screening of different *G. candidum* strains for proteolytic activity. Y error bars indicates the standard deviation among the three replicates which differ significantly at < 0.05

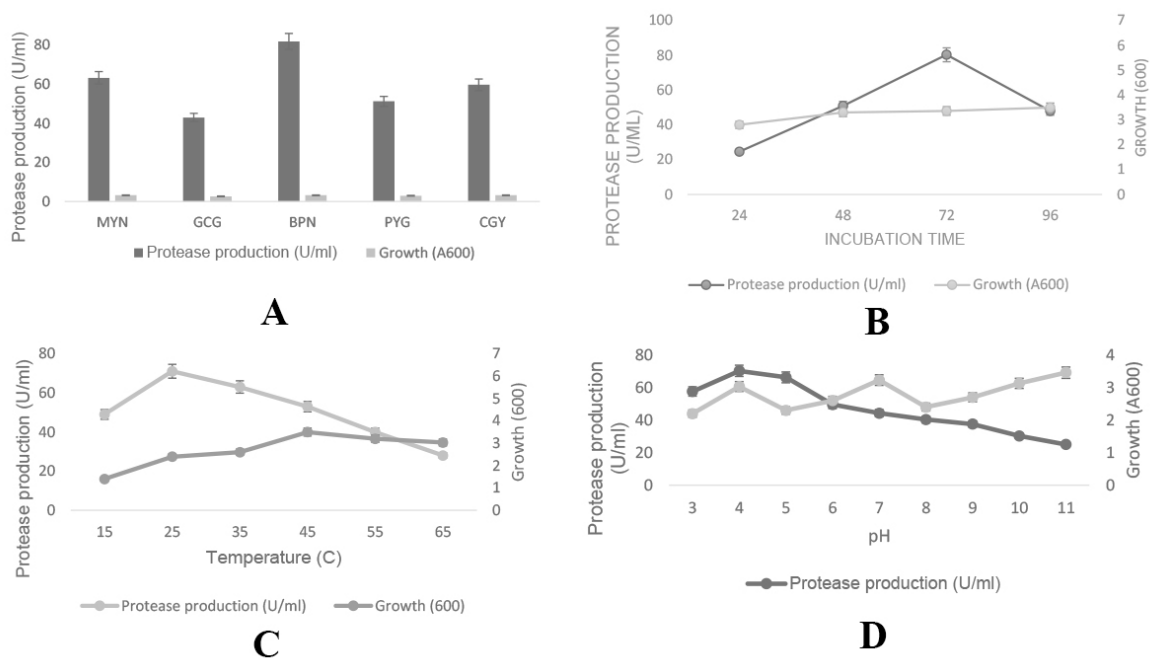


Figure S2. (A) Selection of culture media for protease production by *G. candidum* in different broth media. Abbreviations: **MYN**: Maltose based medium; **GCG**: Gelatin based medium; **BPN**: Beef extract based medium; **PYG**: Peptone based medium; **CGY**: Casein based medium. (B) Effect of incubation time periods on the protease production by *G. candidum* in BPN (Beef extract based) media. Bar diagram is representing specific activity ($U\ mg^{-1}$) while line diagram is representing growth rate index. (C) Effect of different temperatures on protease production by *G. candidum* in BPN media. Bar diagram is representing specific activity ($U\ mg^{-1}$) while line diagram is representing growth rate index. (D) Effect of variable pH on the protease production by *G. candidum* in in BPN media. Bar diagram is representing specific activity ($U\ mg^{-1}$) while line diagram is representing growth rate index.