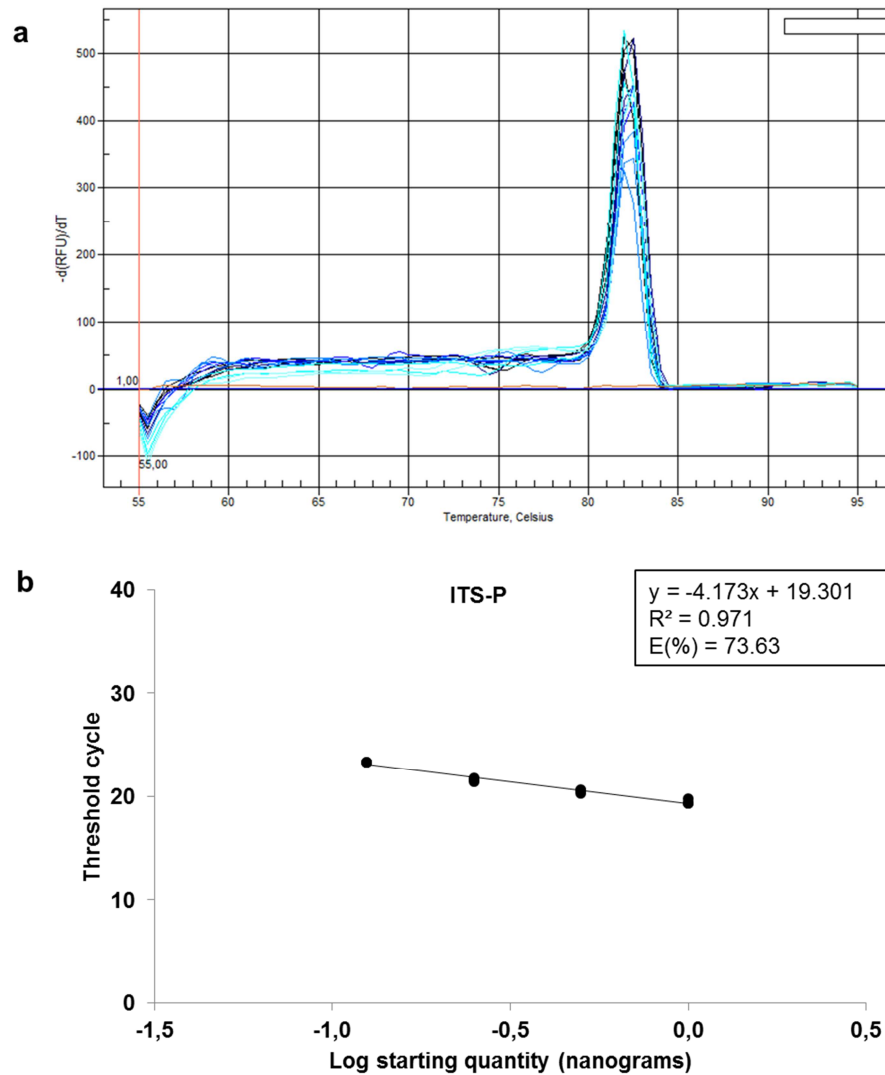




**Additional file 3** Standard curves obtained from quantification of *Piloderma croceum* from non-sterile soil microcosm by the primer pair ITSP. (a) Melting curve of the qPCR amplicon generated from soil DNA. Specific amplification of *P. croceum* is indicated by the single sharp peak. (b) Real-time PCR standard curve obtained by amplification of a serial dilution of soil DNA. The curve was generated by plotting the Ct values against the dilutions. The high  $R^2$  value suggests linear amplification.