ESM-4. Purification of cerato-populin from *Ceratocystis populicola*. (a) Pooled Pop1, containing fractions from Bio-Gel P-10 chromathography, was applied to a Sephadex G-75 column (3.5 X 120 cm). The column was equilibrated and eluted with 0.05 M Na-acetate buffer, pH 5.0, containing 0.15 M NaCl, at a flow rate of 0.8 ml/min. (b) The Pop1 containing fractions from the G-75 column were pooled and applied to a RP-HPLC C4 column, 5 µm, 250 X 10 mm. Solvent A, 10 mM TFA in water; solvent B, 10 mM TFA in acetonitrile. Flow rate was 2 ml/min. Elution was performed by an acetonitrile gradient as indicated by the dotted line. The arrow indicates the peak level of Pop1.