





**Suppl. Figure S1.** Three biological replicates of two-dimensional electrophoresis (2-DE) gels of proteins extracted from leaves of *Spinacia oleracea* variety Sp73 under heat treatment. (A1-A3) 0 HHT; (B1-B3) 24 HHT; (C1-C3) 48 HHT; (D1-D3) 72 HHT. Proteins were separated on 24 cm linear gradient immobilized pH gradient (IPG) strips (pH 4–7) using isoelectric focusing (IEF) in the first dimension, followed by 12.5% sodium dodecylsulphate polyacrylamide gel electrophoresis (SDS-PAGE) in the second dimension. The 2-DE gels were stained with Coomassie Brilliant Blue. Molecular weight (MW) in kilodaltons (kDa) and isoelectric point (pI) of proteins are indicated on the left and top of the gel, respectively.