

([alanine, aspartate, glutamate], [glycine, serine, threonine], [cysteine, methionine], [arginine and proline]), bioenergy(citrate and pyruvate), nucleotide metabolism(purines and pyrimidines), vitamin B6 metabolism and the biosynthesis of unsaturated fatty acids.

Figure S2

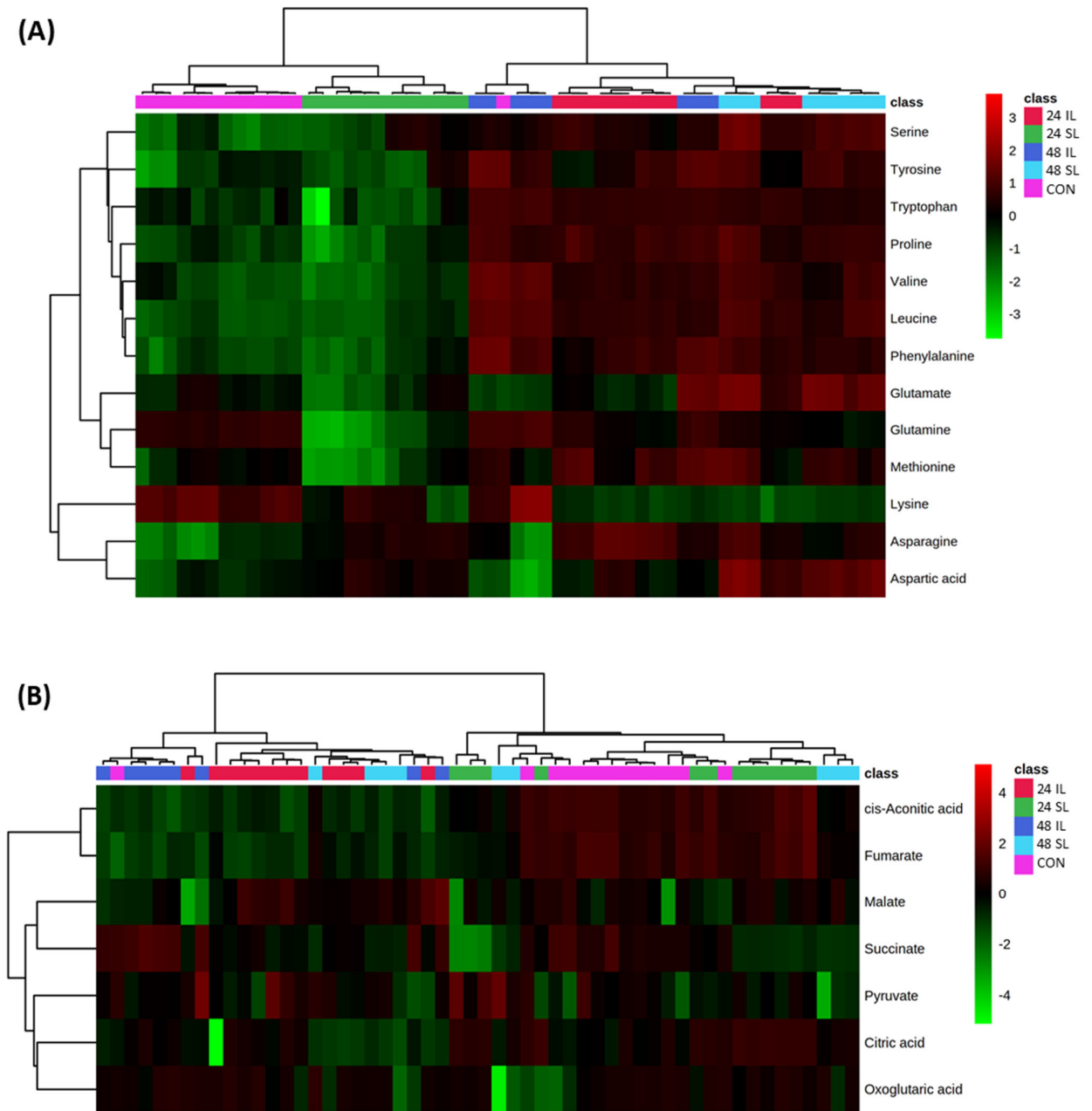


Figure S2: Heat map showing the changes in (A) amino acid and (B) citric acid cycle metabolism in Black Pepper (*Piper nigrum* L.) leaves challenged with *Phytophthora capsici*.

Amino acid variation in leaves at the site of infection (i-L) and in the leaf immediately above the infection site (i-SL, systemic leaf) at 24 and 48 h after challenge and controls (CON). The relative accumulation of each is displayed using a heat map.