

Supplement

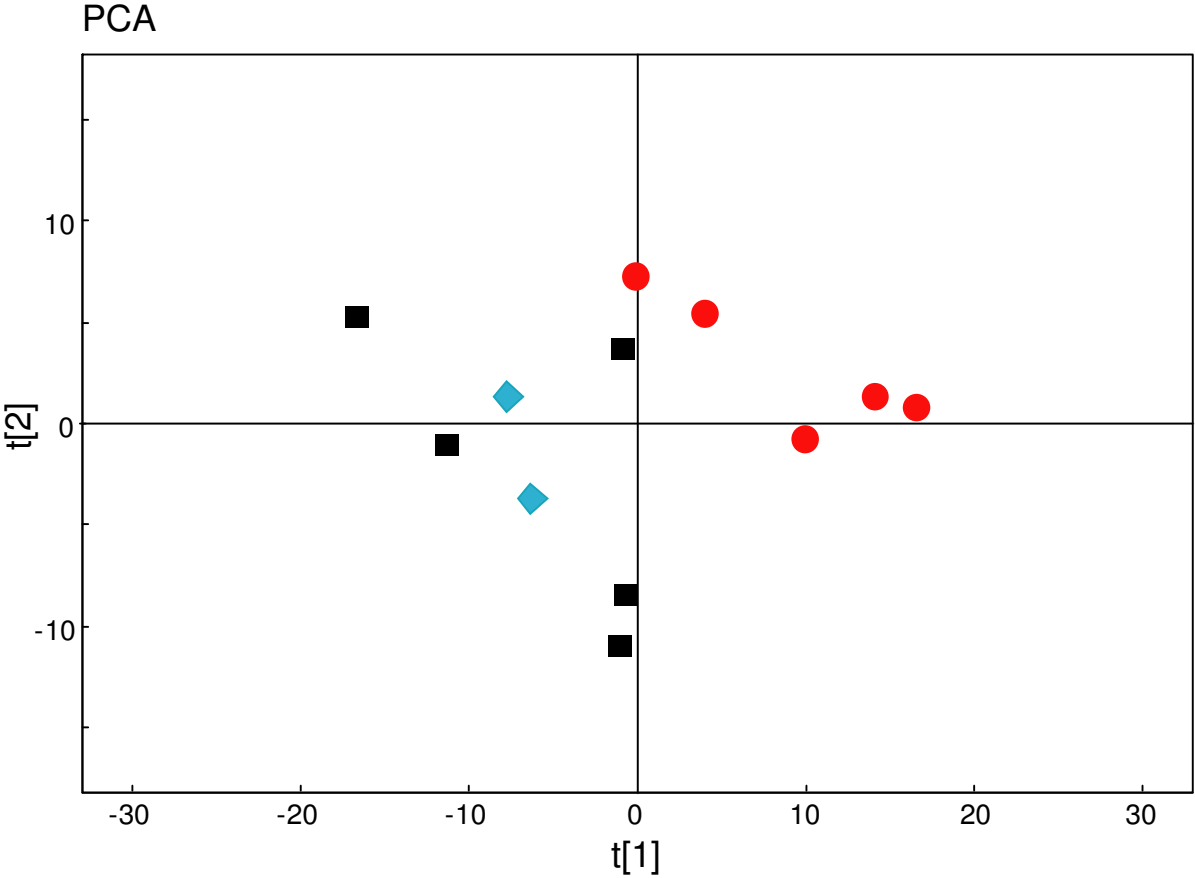


Figure S1. PCA analysis of ¹H NMR spectra of plasma in *S. mansoni*-infected (red), non-infected control mice (black) and two animals which were infected but where infection failed to establish (blue) during the course of the experiment. The model was constructed using 2 principal components, ($R^2_{cum}X=0.81$, $Q^2X=0.66$).

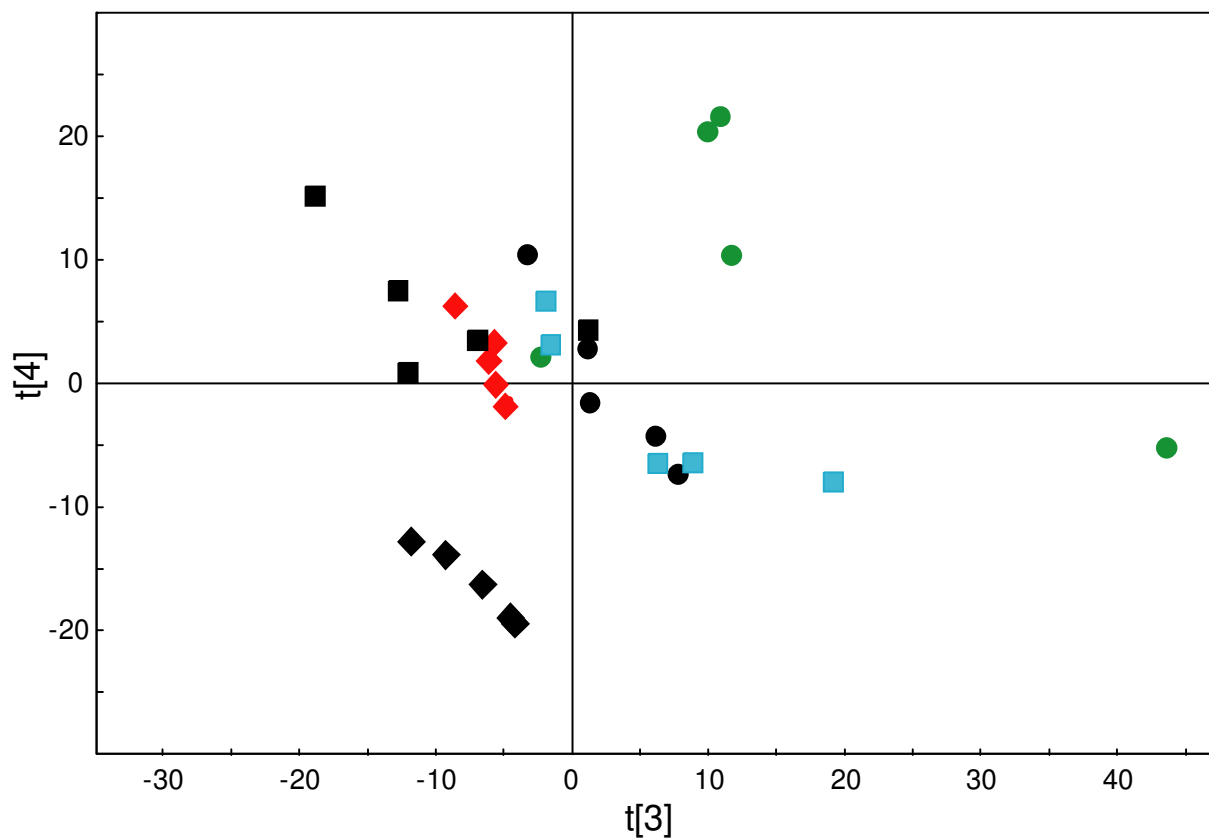


Figure S2. Global PCA scores plot of plasma ¹H NMR spectral data of *S. mansoni*-infected (red), *T. b. brucei*-infected (green), *P. berghei*-infected (blue) and non-infected control mice (black). The model was built using 2 principal components, ($R^2_{cum}X=0.70$, $Q^2X=0.53$).

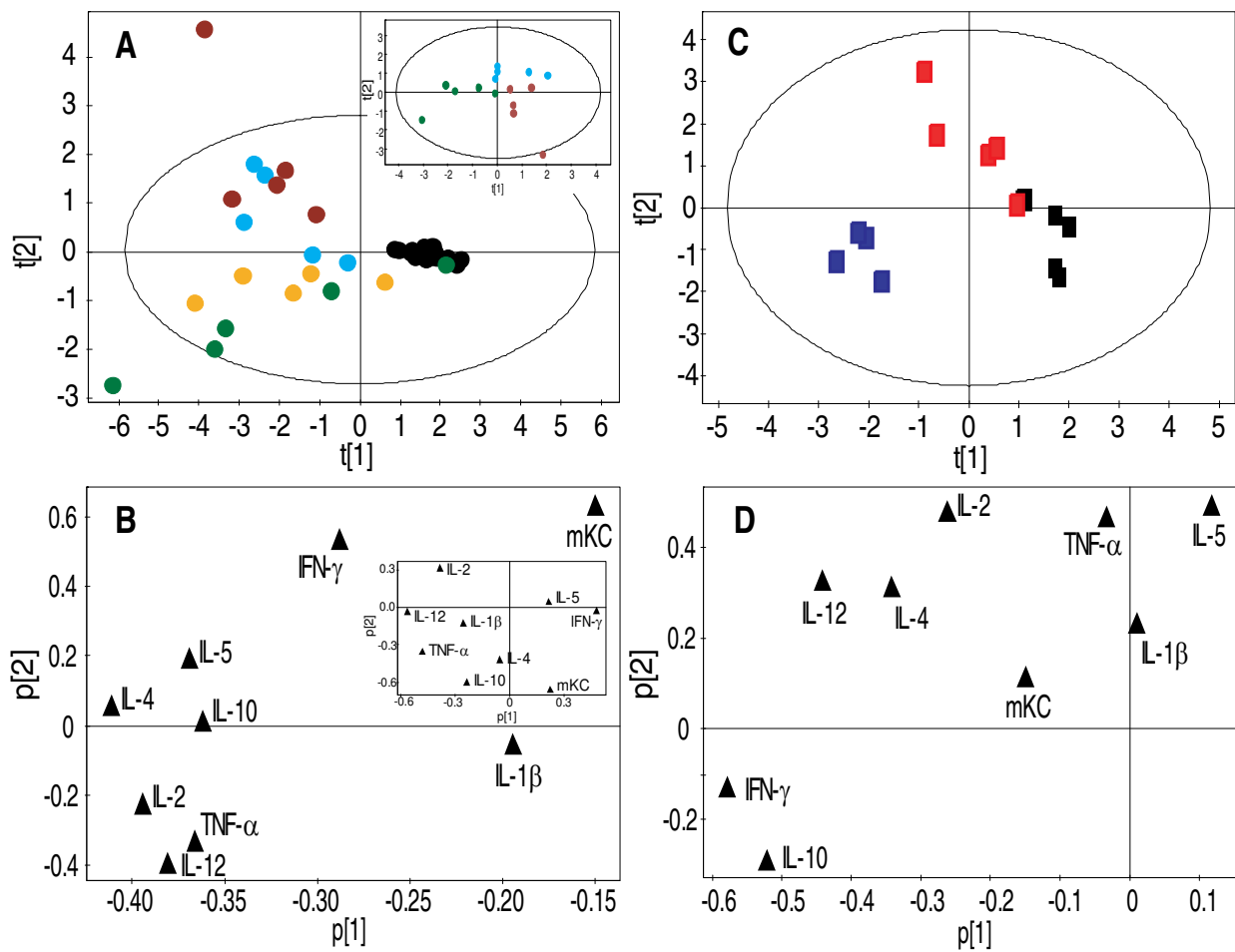


Figure S3. O-PLS-DA scores (A) and corresponding loading plots ($R^2Y= 0.38$, $Q^2Y= 0.26$; inset: $R^2Y= 0.56$, $Q^2Y= 0.08$). (B) derived from *T. brucei brucei*-mouse $R^2Y= 0.79$, $Q^2Y= 0.63$). Two principal components were used for each model (**black**: uninfected controls; **brown**: 7 days postinfection (D₇); **light-blue**: D₁₄; **yellow**: D₂₁; **green**: D₂₈); inset shows the O-PLS-DA plots obtained from the infected mice at D₇, D₁₄ and D₂₈), *P. berghei*-mouse (C, D, **black**: preinfection; **red**: D₂; **blue**: D₄).