molecules

Article

Healthy and chronic kidney disease (CKD) dogs have differences in serum metabolomics and renal diet may have slowed disease progression

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Supplementary information

Figures

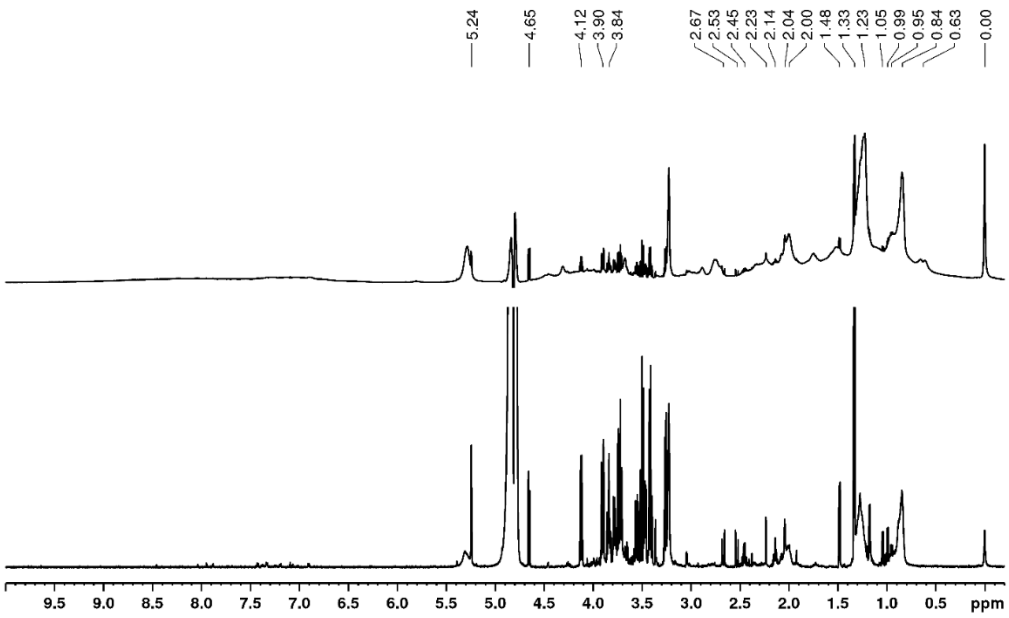

Figure S1. Comparison between 1D NOESY-presat and 1D CPMG ^{1}H NMR spectra (600 MHz, 300 K) of the QC sample, indicating the chemical shifts of the main detected metabolites of dog's serum, demonstrating the effect of the T2 filter.

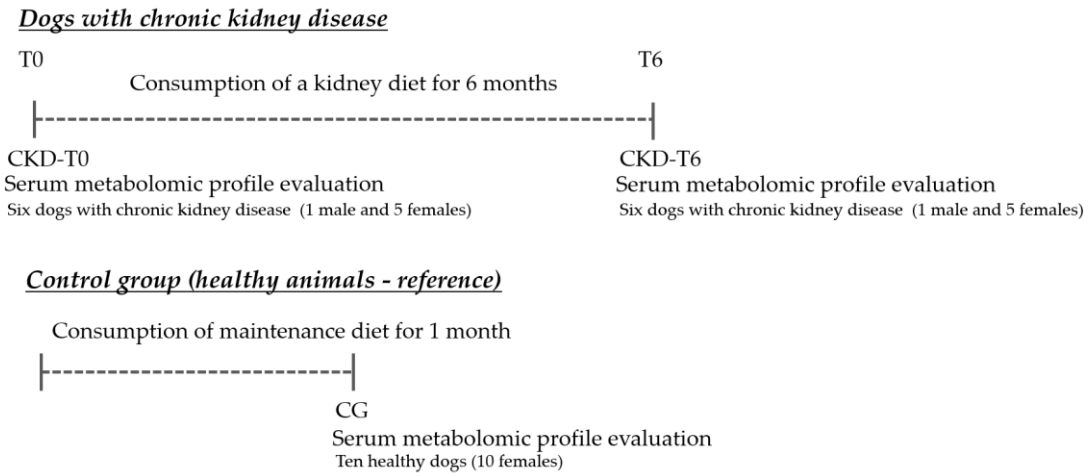

Figure S2. Periods, animals and experimental procedures that were performed in the study.

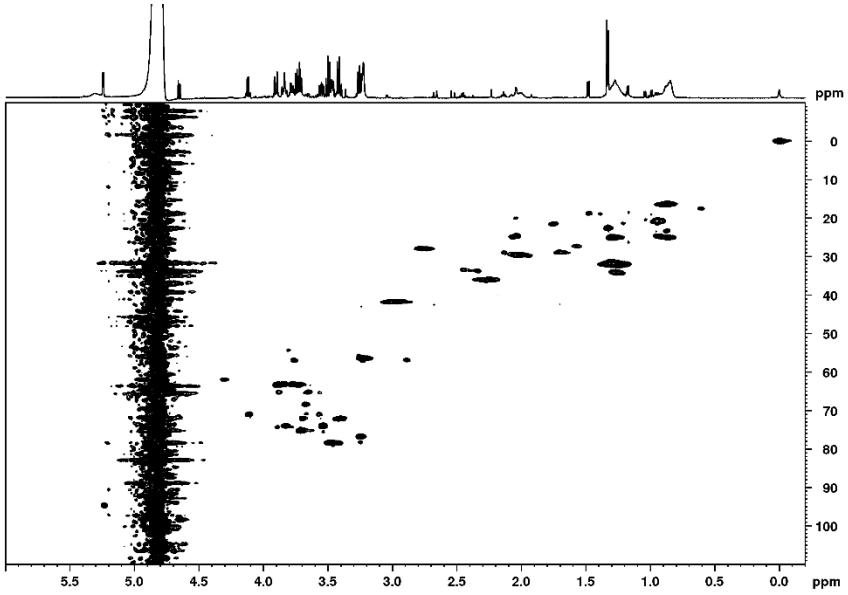

Figure S3. Expansion (6.0 - --.2 ppm) of HSQC correlation map (^{1}H and ^{13}C at 600.13 and 150.90 MHz, respectively, 300 K) of the QC sample from dogs' serum

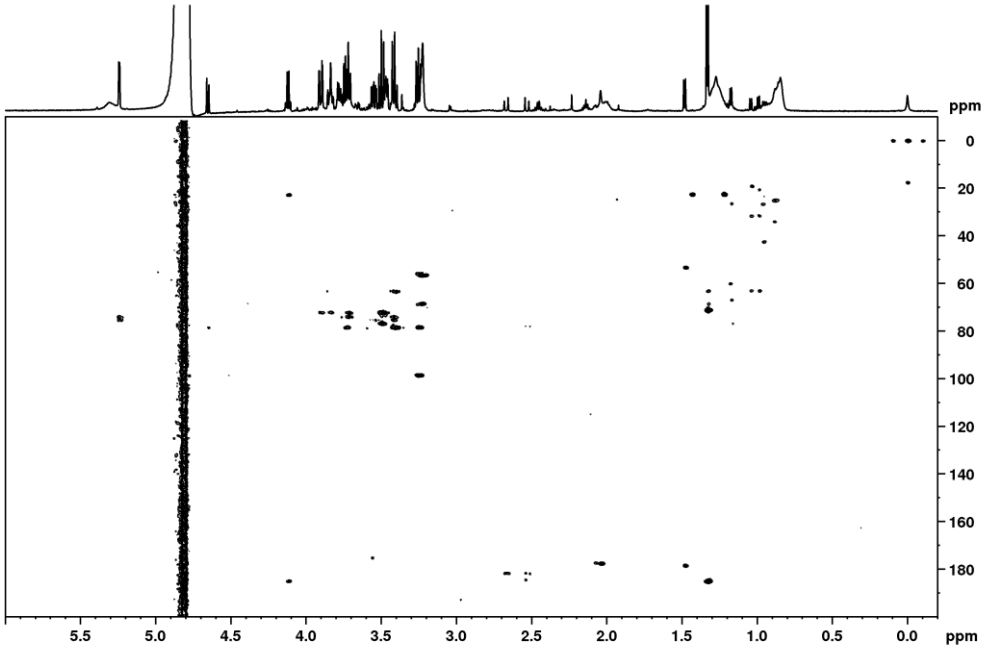

Figure S4. Expansion (6.0 - --.2 ppm) of HMBC correlation map (^{1}H and ^{13}C at 600.13 and 150.90 MHz, respectively, 300 K) of the QC sample from dogs' serum.

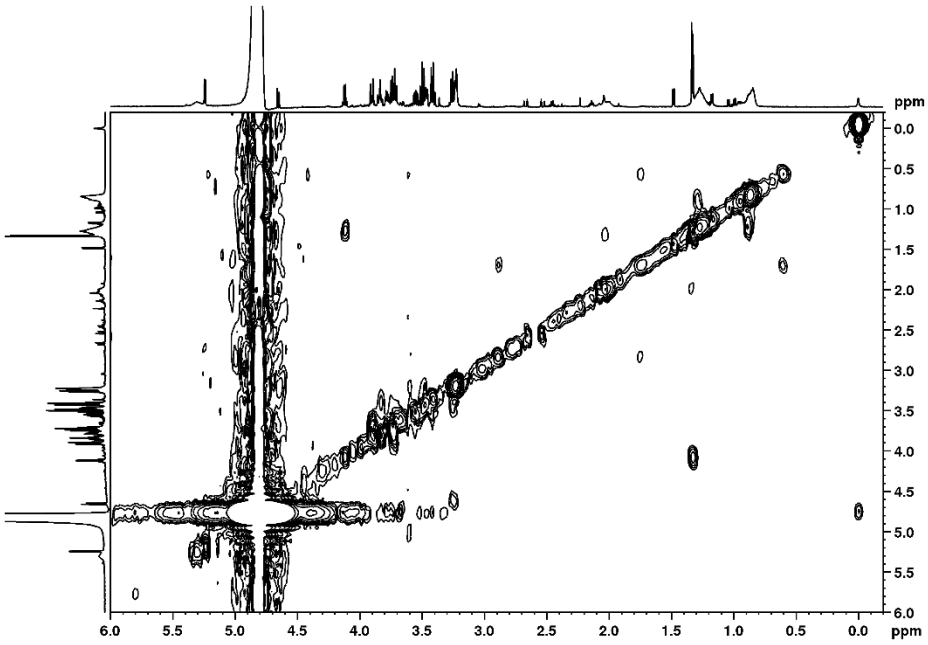

Figure S5. Expansion (6.0 - --.2 ppm) of COSY correlation map (^{1}H at 600.13 MHz, 300 K) of the QC sample from dogs' serum.