

Description of Additional Supplementary Files

Supplementary data 1: Differentially expressed genes in the liver and the kidneys of hamsters infected with *L. interrogans* at 1- and 3 day post-infection.

Supplementary data 2: Regulated pathways in the liver and kidneys of hamsters infected with *L. interrogans* at 3 days post-infection compared to uninfected controls.

Supplementary data 3: Differentially expressed genes of *L. interrogans* in the hamster liver at 3 day post-infection compared to *in vitro* condition.

Supplementary data 4: Regulated pathways of *L. interrogans* in the liver of infected hamsters compared to EMJH culture.