

Figure S1. Transcription of *lic12031* is not significantly different in *katE* mutant *Leptospira* compared to wild-type *Leptospira*. Quantitative PCR was performed on cDNA from *katE* mutant and wild-type *Leptospira* to compare the expression level of *lic12031*. Gene *flaB1* was used to normalize fluorescence values between mutants and the respective wild-type *Leptospira*. The Student's *t* test was used to compare normalised fluorescence values between *katE* mutant and wild-type *Leptospira*; no significant difference was found.

