2A

Infect HeLa cells

Wash & Add DMEM + Gentamicin

Incubate 1 hour at 37°C

Wash & Add DMEM + Gentamicin ± STS

Incubate 2.5 hours at 37°C

For each treatment, time points grouped for data analysis

Incubations at 37°C

Collect RNA from samples

(2 biological replicates were conducted: 1 set for microarray analysis and 1 set for in situ hybridization)

2B

0.5 hour

1.0 hour

2.0 hours

2.75 hours

Pair-wise comparisons performed using SAM and the student's two-tailed t-test

1. Uninfected vs. Uninfected + STS

2. Uninfected vs. Shigella-infected

3. Uninfected + STS vs. Shigella-infected + STS

4. Shigella-infected vs. Shigella-infected + STS