**Ciprofloxacin induced antibiotic resistance in *Salmonella* *Typhimurium* mutants and genome analysis**

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**Fig. S2** Development of resistance in *S*. *Typhimurium* and clones A, B and C. Clone A shows steady increase in MIC by 25 folds in 4th cycle, 50 folds in 6th cycle and 100 folds in 10th cycle. Clone B shows a sudden increase by 50 folds in 2nd cycle which remained steady up to 8th cycle and reached 100 folds in 10th cycle. Clone C shows directly 100 folds increase in 4th cycle. All three clones show a saturation of MIC after 10 cycles till end of 20 cycles