Figure. S2 Expression Profile of IL-1β, TFF-3, TFF-1 and E-Cadherin in *Shigella* infected scrambled siRNA (for TFF-3) transfected HT29

(i) IL-1β mRNA expression levels normalised with GAPDH

(ii) TFF-3 mRNA expression levels normalised with GAPDH

(iii) E-Cad mRNA expression levels normalised with GAPDH

(iv) TFF-1 mRNA expression levels normalised with GAPDH

(v) Effect of scrambled siRNA on Mucin expression

Above graph represents expression profile of the IL-1β, TFF-3, TFF-1 and E-Cadherin along with mucin production profile in *Shigella* infected scrambled siRNA transfected HT29 cells. This expression profile is similar to the expression profile of *Shigella* infected HT29 cells (Fig 1B-1F). This implicates transfection protocol has only non significant influence in expression of these genes.