

Dietary supplementation with soluble plantain non-starch polysaccharides inhibits intestinal invasion of *Salmonella Typhimurium* in the chicken. Bryony N. Parsons, Paul Wigley, Hannah L. Simpson, Jonathan M. Williams, Suzie Humphrey, Anne-Marie Salisbury, Alastair J. M. Watson, Stephen C. Fry, David O'Brien, Carol L Roberts, Niamh O'Kennedy, Åsa V. Keita, Johan D. Söderholm, Jonathan M. Rhodes and Barry J. Campbell.

Supporting Information file S2

Figure S2: Soluble plantain NSP blocks adhesion of *S. Enteritidis* to the porcine enterocyte cell-line B1OXI *in vitro*. Pre-treatment with soluble plantain NSP at 10 mg/mL blocked **(A)** adhesion to, and **(B)** invasion of *S. Enteritidis* to B1OXI cells (N=3, n=4; ***P<0.001 Mann Whitney U). Data (mean $\pm$ SEM) expressed relative to adherence (or invasion) of vehicle-treated control (100%).

