**NW29** NW634 Number of IFN- $\gamma$  secreting T cells 0.00 0.00 0.00300 240 180 120 60 FILMP 229 NY ESO-1 FILMP 229 NY-ESO-1 MY ESO-1 NY-E50-1 control None None S. typhimurium S. typhimurium T-APC T-APC **NW29** NW634 <u>ණ</u>1000 300 In vitro sensitization; Number of IFN-γ secreting T 800 240 S. typhimurium 600 180 ■ NY-ESO-1 400 120 **Control Strain** 200 60 NY-ESO-1 FILMP 229 NY-ESO-1 FILMP 229 NY-E50-1 control None None rFowlpox rFowlpox

**T-APC** 

T-APC

## Supplemental Figure 1. Antigens delivered by *S. typhimurium* type III secretion are presented to CD4<sup>+</sup> T cells

CD4<sup>+</sup> T cells derived from NW29 and NW634 were pre-sensitized by CD4<sup>-</sup> CD8<sup>-</sup> PBMC (a). pulsed with NY-ESO-1<sub>79-108</sub> peptide or (b). infected with *S. typhimurium*-NY-ESO-1 or *S. typhimurium* control strain as described in Methods. The number of specific CD4<sup>+</sup> T cells was analyzed by ELISPOT assay for recognition of autologous activated T cell APC pulsed with peptides or infected with recombinant *S. typhimurium* or Fowlpox virus. These experiments were performed independently at least twice with similar results. Data are expressed as mean  $\pm$ SD.