



Supplementary figure 1 Results of cell apoptosis after *B.suis*.S2 and Δ VceC infection at 12 h and 48 h. To assess cell death in vitro, GTCs cells were infected with *B.suis*.S2 or Δ VceC for 12 h and 48 h; the cells were then subjected to Annexin V-FITC/PI staining and analyzed by flow cytometry. All experiments were repeated three times with similar results.