Figure S2. Diagram of top 20 mapped KEGG pathways with significantly regulated genes in the cecal epithelia upon *Eimeria tenella* (Lanzhou-1 strain) infection (Panels A to T). Regulated genes are colored by fold changes as follows: red, >17 folds; brown/orange, 17 to 9 folds; yellow, 8 to 2 folds; cyan, -2 to -4 folds; green, -4 to -8 folds; blue, -9 folds or larger.
JAK-STAT SIGNALING PATHWAY

Endocytosis → Cytokine receptor interaction

Cytokine → JAK → STAT → PIAS → STAT 5 → Home/heter STAT dimer → IFNγ, P48 → Pin-1 → Growth, proliferation, fate determination, development, immunity

IFNγ, P48 → CBP → CIS

Cytokine-cytokine receptor interaction → SHP1

JAK → SHP2 → ORB → SOS → Ras/MAPK → MAPK signaling pathway

MAPK signaling pathway → BeILX, Sprouty → Antiapoptosis

MAPK signaling pathway → BeILX, Sprouty → Antiapoptosis

MAPK signaling pathway → AKT → Antiapoptosis

MAPK signaling pathway → AKT → Antiapoptosis

MAPK signaling pathway → AKT → Apoptosis