



Supplementary Fig. S1. The cat IECs were successfully resuscitated and cultured in vitro (A-C) and *T. gondii* developed to form cysts and bradyzoites in mice brain tissue (400 \times) (D-F). (A) Frozen cat IECs after thawing (100 \times). (B) The monolayer cells formed after 2-3 days (40 \times). (C) The identification of cat IECs with immunohistochemical staining (200 \times), and almost all cells were expressed cytokeratin 18 stained by brown coloring. (D) Cysts of *T. gondii* emerged in KM mice brains post-infected 6 weeks. (E) Purified cysts with Percoll gradients. (F) The bradyzoites were released from the brain cysts after tryptase digestion.