



**Additional file 1. Histopathology of tongues from control uninfected and untreated CD4C/HIV<sup>MutA</sup> Tg (E1, E2) and non-Tg mice (D1, D2).** Tissues were stained with hematoxylin ploxine saffron (HPS) or Gomori-Grocott methenamine silver. Images are representative of six mice per group with consistent results.