



Figure S1. Representative microphotographs of IHC. (A) CD4 immunoreactivity observed in the temporal white matter of HHV+ individual (arrow), $\times 400$; (B) CD8 immunoreactivity observed in the frontal white matter of HHV+ individual (arrow), $\times 200$; (C) GFAP immunopositivity in the astrocytes (arrows), temporal gray matter, $\times 400$; (D) MBP immunopositivity in the oligodendrocytes (arrows), temporal gray matter, $\times 400$. (E) Immunoreactivity observed in the synovial stroma of HHV-6+ subject with an osteoarthritis: HHV-6+ macrophages (arrows), $\times 400$. (F) Immunoreactivity observed in the synovial stroma of HHV-7+ subject with a rheumatoid arthritis: HHV-7+ macrophages (thick arrows) and vascular endotheliocytes (narrow arrows), $\times 400$. (G) HHV-6 negative control, frontal white matter, $\times 200$; (H) HHV-7 negative control, temporal gray matter, $\times 200$.