



Figure S1. Representative images of immunohistochemistry staining in PBS-injected SNpc and striatum of young and adult mice. Confocal acquisition of tile scanned SNpc reconstruction (left, scale bar: 100 μ m) and dorsolateral striatum (right, scale bars 20 μ m) coronal area sections, Contralateral to the images showed in figure 2. Phospho- α -synuclein (pSyn) in green, Tyrosine Hydroxylase (TH) in magenta and respective merged images. (A) Young and (B) Adult brain areas, 1 m.p.i.. (C) Young and (D) Adult brain areas, 2 m.p.i.