

**Figure S1.** Representative immunohistochemistry illustrations of neurologically normal control cases showing no abnormal -synuclein deposits when treated with various -synuclein antibodies. Scale bar 50m in all.



**Figure S2.** Immunohistochemistry of brain sections from IPD cases showing no appreciable staining within PD nigra (A) or frontal cortex (B) when primary antibodies were omitted but treated with anti-rabbit and anti-mouse secondaries respectively. Scale bar 60m in A, 15m in B.