

Legends of Supplemental Figures

Figure S1 Expressions of mhtt, Cdk5 and p35 transfected into COS-7 cells. (A) Triple expressions of tNhtt-90Q-EGFP (Green), Cdk5 (Red) and myc-p35 (Blue) in the same COS-7 cells. Cdk5 and myc-p35 were immunostained with monoclonal anti-Cdk5 (DC17) and polyclonal anti-p35 (C19) antibodies followed by Alexa 647-conjugated anti-mouse and Alexa 546-conjugated anti-rabbit antibodies, respectively. Scale bar, 10 μm . (B) Immunoblots showing the expression levels of tNhtt-166Q-EGFP, Cdk5, and p35 transfected into COS-7 cells. A bracket indicates aggregates of 166Q in the stacking gel.

Figure S2 The effect of dynamitin on mhtt inclusion formation. tNhtt-50Q or 90Q-EGFP was co-transfected into COS-7 cells with FLAG-dynamitin (dynamitin) or empty vector. EGFP inclusions were analyzed at 24 h after transfection. The scale bar represents 10 μm .