

Supplementary Materials

Table S1. Related primer sequences to qRT-PCR.

Gene Name	Primers
<i>SNCA</i>	Forward 5'- GTGGCTGCTGCTGAGAAAAC Reverse 5'- CACCACTGCTCCTCCAACAT
<i>GAPDH</i>	Forward 5'- TGCACCACCAACTGCTTAGC Reverse 5'- GGCATGGACTGTGGTCATGAG
S protein	Forward 5'- CCTGGTTCCATGCCATCCAT Reverse 5'- TCCAGGGTGGTGCCAAAAAT
N protein	Forward 5'- ACCAAAGGACCACATTGGCA Reverse 5'- ATAGAAGCCCTTTGGCAGGG

Table S2. The antibodies associated with this research.

Primary Antibodies	Type	Source
anti- a-Syn	mouse monoclonal (LB509)	Abcam
anti- a-Syn	rabbit monoclonal (ab13850)	Abcam
anti-S ₁ protein	rabbit polyclonal(40591-T62)	SinoBiological
anti-S ₁ protein	mouse monoclonal(40591-MM42)	SinoBiological
anti- N ₁ protein	rabbit monoclonal(40143-R019)	SinoBiological
anti- N ₁ protein	mouse monoclonal(40588-MM137)	SinoBiological
anti – p129- α Syn	rabbit monoclonal(ab124821)	Abcam
anti-GAPDH	rabbit polyclonal(10494-1-AP)	proteintech
anti-aggregated a-Syn (5G4)	mouse monoclonal l((MABN389))	Millipore
iFluorTM 633	goat anti-rabbit	Abcam
Alexa Fluor 552	goat anti-mouse	Abcam
Alexa Fluor 552	goat anti-rabbit	Abcam
IRDye-conjugated secondary antibodies	goat anti-mouse	Odyssey
IRDye-conjugated secondary antibodies	goat anti-rabbit	Odyssey