A

SH-SY5Y

Blank  MPP+  MPP+sh-NC  MPP+sh-HN4A#1

Relative protein levels

0.0  0.5  1.0  1.5  2.0  2.5

TNF-α  IL-1β  IL-6

**  **  ***  ***

B

SH-SY5Y

Blank  MPP+  MPP+NC mimics  MPP+miR-34c-5p mimics

Relative protein levels

0.0  0.5  1.0  1.5  2.0  2.5

TNF-α  IL-1β  IL-6

**  **  ***  ***

C

SH-SY5Y

Blank  sh-NC  sh-LINC00667#1  sh-LINC00667#1+miR-34c-5p inhibitor

Relative protein level of HNF4A

0.0  0.5  1.0  1.5

MPP+ treated SH-SY5Y

**  ***

D

SH-SY5Y

Blank  MPP+  MPP+sh-NC  MPP+sh-LINC00667#1  MPP+sh-LINC00667#1+miR-34c-5p inhibitor

Relative protein levels

0.0  0.5  1.0  1.5  2.0  2.5

TNF-α  IL-1β  IL-6

**  **  ***  ***

E

SH-SY5Y

Blank  MPP+  MPP+sh-NC  MPP+sh-LINC00667#1  MPP+sh-LINC00667#1+pcDNA3.1/HNF4A  MPP+sh-HN4A#1+pcDNA3.1/LINC00667

Relative protein levels

0.0  0.5  1.0  1.5  2.0  2.5

TNF-α  IL-1β  IL-6

**  **  ***  ***

F

SH-SY5Y

Blank  MPP+  MPP+sh-NC  MPP+sh-LINC00667#1  MPP+sh-LINC00667#1+pcDNA3.1/HNF4A  MPP+sh-HN4A#1+pcDNA3.1/LINC00667

Relative protein levels

0.0  0.5  1.0  1.5  2.0  2.5

TNF-α  IL-1β  IL-6

**  **  ***  ***