

## Description of Additional Supplementary Files

File Name: Supplementary Data 1

Description: Differentially m<sup>6</sup>A methylated peaks in HeLa cells after RSV infection. A total of 2256 differentially m<sup>6</sup>A methylated peaks are identified using count based QNB test

File Name: Supplementary Data 2

Description: Differentially expressed genes in HeLa cells after RSV infection. Over nine thousands differentially expressed genes are identified by analysis of RNA-seq data of host cell (HeLa) at adjusted P value cutoff of 0.05.

File Name: Supplementary Data 3

Description: Differentially expressed genes in A549 cells after RSV infection. Over seven thousands differentially expressed genes are identified by analysis of RNA-seq data of host cell (A549) at adjusted P value cutoff of 0.05

File Name: Supplementary Data 4

Description: Differentially m<sup>6</sup>A methylated peaks in A549 cells after RSV infection. Differentially m<sup>6</sup>A methylated peaks are identified using count based QNB test.