

Description of Additional Supplementary Files

Supplementary Data 1. Raw data and data analysis of human genome-wide ORFs overexpression screen of ZIKV host factors.

Raw results: List of ORF encoded proteins and read counts of ORF barcodes in cells after 10 days non-infection (Mock) or ZIKV infection (duplicate: Exp1 and Exp2). The read counts of ORF were normalized using DEseq2. Exp: experimental group.

Restriction factors: List of restriction factors selected with $\log_2FC > 0.5$. \log_2FC including $\log_2(\text{Exp1}/\text{Mock})$ and $\log_2(\text{Exp1}/\text{Mock})$ means the \log_2 fold changes (FC) in reads count collected from ZIKV infected cells relative to uninfected cells.

Dependent factors: List of dependent factors selected with $\log_2FC < -0.5$. \log_2FC including $\log_2(\text{Exp1}/\text{Mock})$ and $\log_2(\text{Exp1}/\text{Mock})$ means the \log_2 fold changes (FC) in reads count collected from ZIKV infected cells relative to uninfected cells.

DE_analysis: Output of differential expression (DE) analysis compared to control. baseMean: mean values from all normalized samples; lfcSE: standard error for \log_2 fold change; stat: statistic value for the null hypothesis; padj: false discovery rate.