



Figure 4-figure supplement 2. ALKBH5 over-expression in MODE-K cells results in enhanced IFN response and increased resistance to Rhesus rotavirus infection.

(a) MODE-K cells were transduced with Lentivirus (expressing pLVX-EV-puro or pLVX-m*Alkbh5*-puro). qPCR analysis of virus genes and *Ifn/ISGs* in Rhesus rotavirus-infected EV and m*Alkbh5* over-expressing cells at indicated hours post infection (hpi) (mean \pm SEM), statistical significance was determined by Student's t-test (* $P < 0.05$, ** $P < 0.005$, NS., not significant).

(b) Expression level of ALKBH5 in EV and m*Alkbh5* over-expressed MODE-K cells at indicated hours post infection.

Experiments in **(a)** and **(b)** are repeated twice.