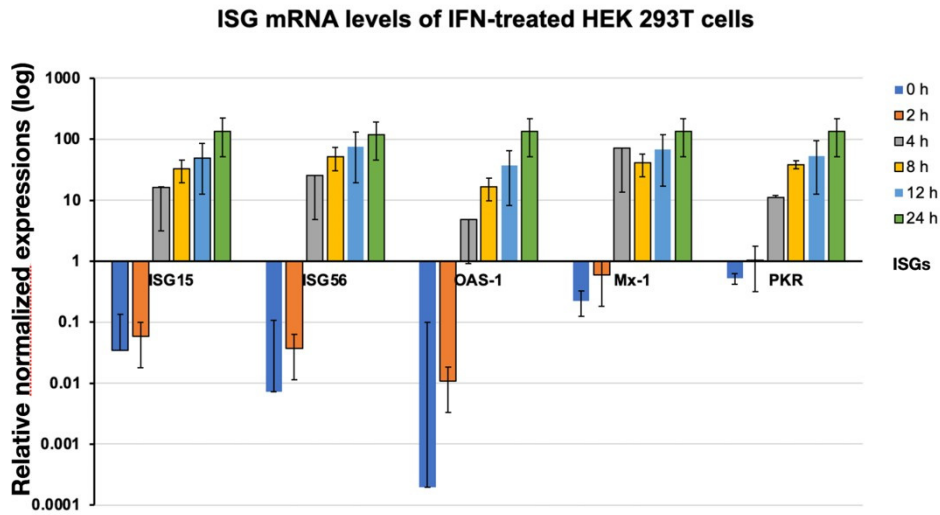
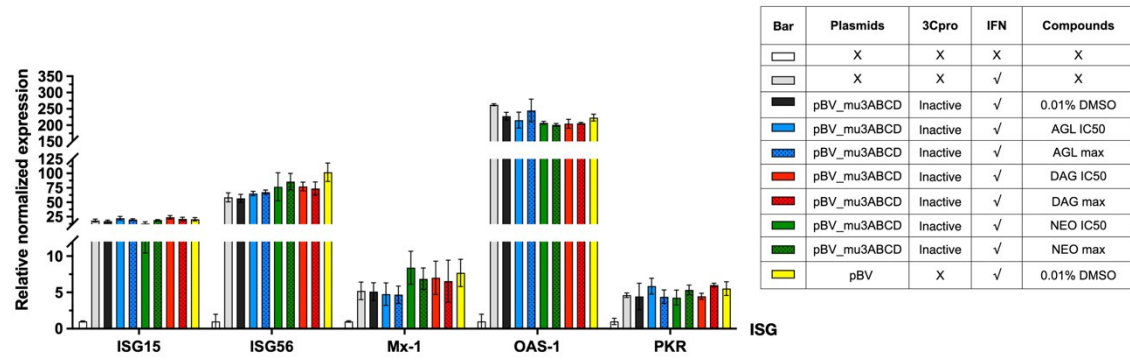


## Supplementary data

### Supplementary figures



**Figure S1.** The optimal time point for detecting ISG mRNA transcript levels in IFN- $\beta$  treated HEK 293T cells in this study. The ISG transcript levels were down-regulated from 0 to 2 h, and gradually increased from 4 to 24 h. At the 8 h, the significantly high ISG expressions in IFN-treated cells were observed using real-time qPCR.



**Figure S2.** The mRNA expression levels of the Interferon-Stimulated Genes (ISGs) in HEK 293T cells transfected with the empty vector pBV or pBV\_mu3ABCD. pBV\_mu3ABCD expressed the full-length 3B and inactive 3C<sup>pro</sup> (3C<sup>pro</sup>-). The data presents as means and SD.

**Supplementary Table S1.** ISG mRNA expression of HEK 293T cells transfected with FMDV 3C<sub>pro</sub> compared to mock control.

ISG	mRNA expression (fold-changes)*							
genes	mock	mock	AGL		DAG		NEO	
	treated,	treated,	IC50	Maximu	IC50	Maxim	IC50	Maximu
	non-	transfect	dose	m dose	dose	um	dose	m dose
	transfect	ed cell				dose		
	ed cell							
ISG15	<b>51.39</b>	29.51	52.93	59.99	62.36	64.43	37.58	32.91
ISG56	90.80	59.05	72.73	107.66	84.77	77.60	62.33	55.39
Mx-1	5.99	<b>1.49</b>	5.33	6.98	14.37	13.04	2.19	4.00
OAS-1	178.30	82.15	238.78	191.71	250.25	244.76	106.88	163.69
PKR	5.02	1.68	6.12	6.22	12.84	11.65	1.99	3.65

\*Italics show a significantly difference of ISG mRNA expression in IFN-treated, transfected HEK 293T cells with compounds compared to those 3C<sub>pro</sub> expressing cells without compounds.