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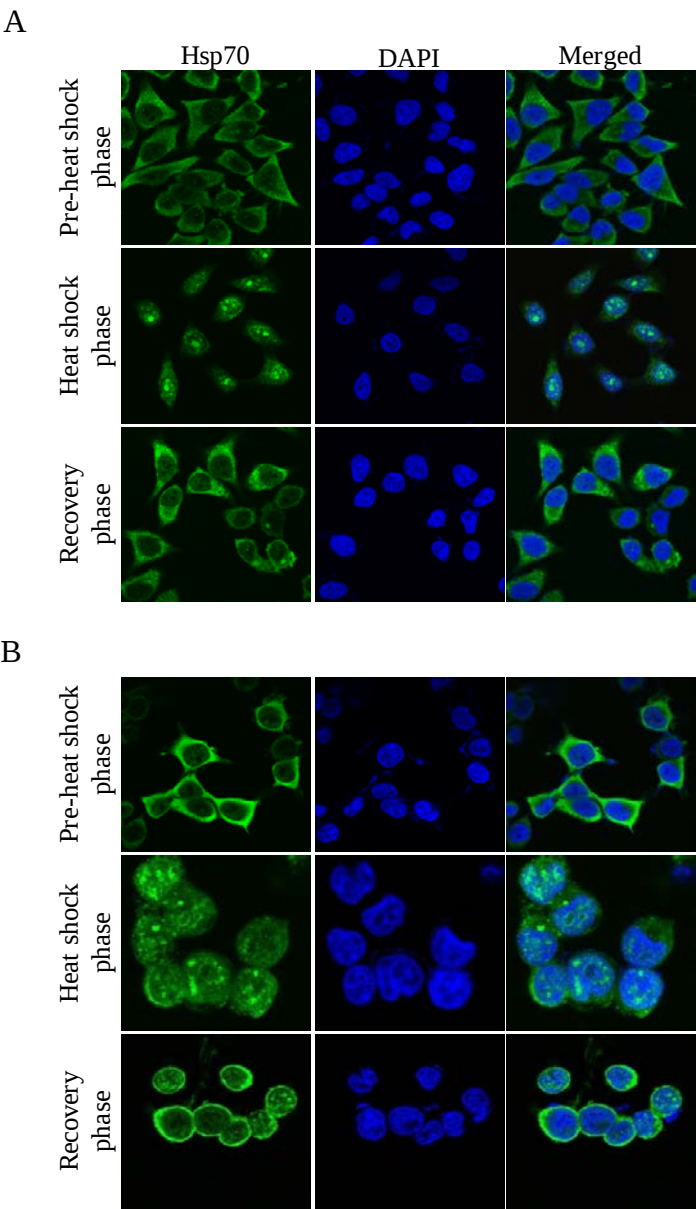
Heat Shock Protein 70 Modulates Influenza A Virus Polymerase Activity

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Suppl. FIGURE 1. **Subcellular localization of Hsp70 during different phases of the heat shock response.** HEK293T (A) and HeLa (B) cells were subjected to heat shock or allowed to recover as shown in Fig. 4A. Treated cells were fixed, blocked and stained with mouse anti-Hsp70 and Alexa Fluor 488[®] goat anti-mouse IgG mAbs. Nuclei were stained with DAPI.

Suppl. FIGURE 2. **PGA1 reduces viral polymerase activity in cells constitutively expressing Hsp70.** HEK293T (A) and HeLa (B) cells were transfected with HK483 and PR8 RNP expression plasmids and reporter plasmids. After 24 h, cells were treated with PGA1 (20 µg/ml) or an equal amount of ethanol (solvent for PGA1) for three hours. Results are based on three independent experiments performed in triplicate (HK483) or two independent experiments done in quadruplicate (PR8) Error bars represent mean ± SEM. * P<0.05, **P<0.01 and ***P<0.001. (C) Western blot analysis of viral proteins from “A”. (D) Quantification of viral proteins in “C”. The levels of indicated proteins were normalized to the β-actin levels, and expressed relative to the mock-treated cells.

Suppl. Fig. 1



Suppl. Fig. 2

