**Supplemental Fig. 1.** Effect of let-7c on the expression of HSP90 and HSP110. Western blotting analysis and quantification analysis of relative protein levels of HSP70 in different groups.

**Supplemental Fig. 2.** Effect of let-7c on the expression dynamics of HSP70 proteins at different time points (12, 24, 48 h) post-heat damage. Western blotting analysis and quantification analysis of relative protein levels of HSP70 in different groups. *p<0.05 vs. 12 h; #p<0.05 vs. 24 h.

**Supplemental Fig. 3.** Effect of let-7c on the expression of HSP70 proteins without heat shock. (A) Quantification of relative levels of HSP70 mRNA by qRT-PCR analysis. (B) Western blotting analysis of HSP70 proteins levels in different groups. (C) Quantification analysis of relative protein levels of HSP70 using Image-Pro Plus 6.0 software and normalized to β-actin. *p<0.05, **p<0.01 vs. let-7c mimics (or inhibitor) control.