**Supplementary 7.** Validation of candidate miRNAs identified by miRNA sequencing using qRT-PCR. The qRT-PCR of each miRNA was performed in triplicate for each of the 3 biological replicates of wild-type and *SAR1A*-knockout K562 cells. Expression levels were normalized to RNU6B and are shown relative to wild-type K562 cells without HU treatment. Error bars indicate standard deviation. Asterisks and UD indicate *P*-value < 0.05 and undetermined miRNA expression levels by qRT-PCR, respectively.

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**K562**

**K562+HU**

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**Relative quantity of miRNA expression**

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**UD**

**UD**

**Suppl 7**