## **Description of Additional Supplementary Files**

**Supplementary Data 1.** Plasmids and oligonucleotides. Lists of the names, descriptions, and sources of plasmids and oligonucleotides used in this study.

**Supplementary Movie 1.** Cell viability of WT U937 cells treated with RSL3. Cells were treated with 2  $\mu$ M RSL3 and were then incubated with 5  $\mu$ g/mL propidium iodide (PI). Images were acquired in 5 min intervals over a time frame of 6 h. Dead cells (red) were stained with PI. Scale bars, 25  $\mu$ m.

Supplementary Movie 2. Cell viability of U937 cells stably expressing PtpA treated with RSL3. Cells were treated with 2  $\mu$ M RSL3 and were then incubated with 5  $\mu$ g/mL PI. Images were acquired in 5 min intervals over a time frame of 6 h. Dead cells (red) were stained with PI. Scale bars, 25  $\mu$ m.