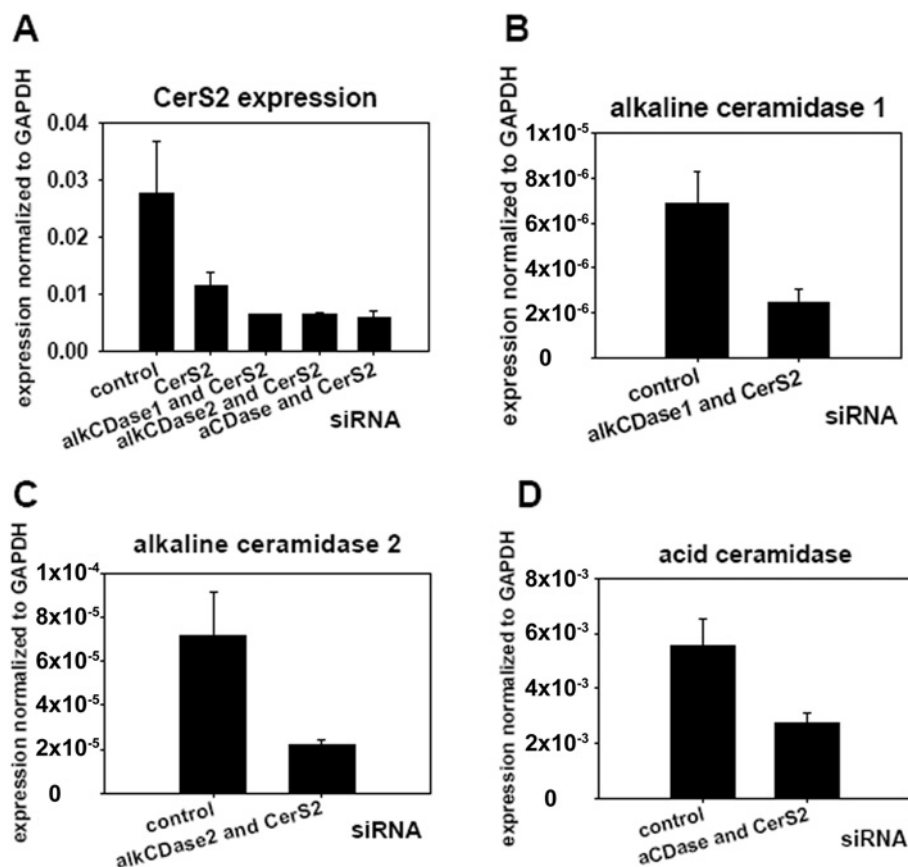


## SUPPLEMENTARY ONLINE DATA

# Disruption of ceramide synthesis by CerS2 down-regulation leads to autophagy and the unfolded protein response

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**Figure S1 Combined down-regulation of CerS2 and individual ceramidases by siRNA**

SMS-KCNR neuroblastoma cells were treated with 30 nM control siRNA, 15 nM CerS2 siRNA alone or in combination with 15 nM alkaline ceramidase 1 (alkCDase1) siRNA, 15 nM alkaline ceramidase 2 (alkCDase2) siRNA or 15 nM acid ceramidase (aCDase) siRNA for 48 h. Cells were lysed and RNA was prepared from the lysates. RT-PCR results with (A) CerS2-, (B) alkCDase1-, (C) alkCDase2- and (D) aCDase-specific primers. The error bars represent the range for two independent experiments.

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