

Supporting Information

Yang et al. 10.1073/pnas.1424288112

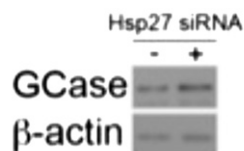


Fig. S1. Western blot showed GCase quantity increased in fibroblasts derived from a GD patient (HS1053) after depleting Hsp27 through siRNA transfection for 2 d.

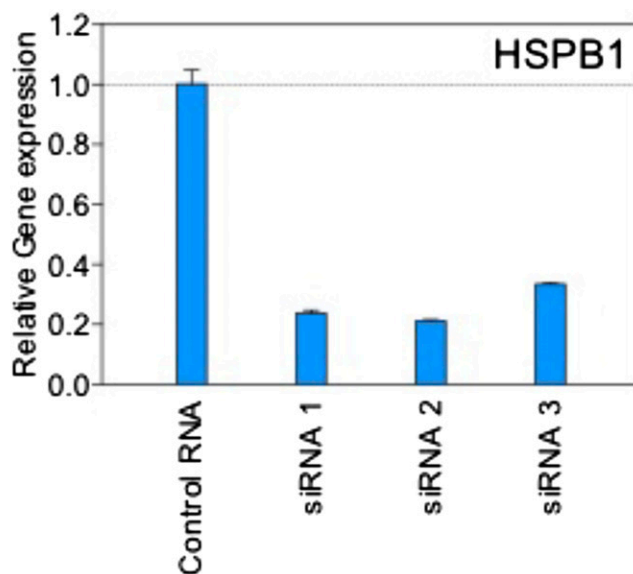


Fig. S2. Quantitative real-time PCR showed successful inhibition by the predesigned siRNA of Hsp27 (HSPB1) expression.

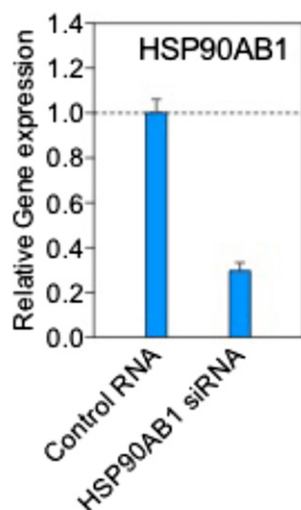


Fig. S3. Quantitative real-time PCR showed successful inhibition by the predesigned siRNA of Hsp90 expression.

Table S1. Small interfering RNA sequence for Hsp27

Name	Sense	Antisense
iHsp27.1	GGUGCUUCACGCGAAAUACACGCT	AGCGUGUAUUUCCGCGUGAAGCACCGG
iHsp27.2	AGCUAGCCACGCAGUCCAACGAGAT	AUCUCGUUGGACUGCGUGGCUAGCUUG
iHsp27.3	GGAGCGGCAGGACGAGCAUGGCUAC	GUAGCCAUGCUCGUCCUGCCGCUCCUC