

## Supplementary Materials

### Polydatin attenuates chronic alcohol consumption-induced cardiomyopathy through a SIRT6-dependent mechanism

#### Authors:

Li-Ming Yu<sup>1†</sup>, Xue Dong<sup>2†</sup>, Ning Li<sup>1</sup>, Hui Jiang<sup>1</sup>, Ji-Kai Zhao<sup>1</sup>, Yin-Li Xu<sup>1</sup>, Deng-Yue Xu<sup>1</sup>, Xiao-Dong Xue<sup>1</sup>, Zi-Jun Zhou<sup>1</sup>, Yu-Ting Huang<sup>1</sup>, Qiu-Sheng Zhao<sup>1</sup>, Zhi-Shang Wang<sup>1</sup>, Zong-Tao Yin<sup>1\*</sup>, Hui-Shan Wang<sup>1\*</sup>

#### Author Affiliations:

<sup>1</sup>Department of Cardiovascular Surgery, General Hospital of Northern Theater Command, 83 Wenhua Road, Shenyang, Liaoning 110016, P. R. China

<sup>2</sup>The Third Outpatient Department, General Hospital of Northern Theater Command, 49 Beiling Road, Shenyang, Liaoning 110032, P. R. China

#### Author contributions

L.M.Y., Z.T.Y., H.J. and H.S.W. designed research; L.M.Y. performed research; L.M.Y. and X.D. analyzed data; N.L., H.J., L.M.Y. and X.D. wrote the paper. J.K.Z., Y.L.X., D.Y.X., X.D.X., Z.J.Z., Y.T.H., Q.S.Z., and Z.S.W. helped to perform experiments, analyze data and revise the paper.

#### Supplementary Table S1

**Table S1. Information of antibodies**

<b>Target name</b>	<b>Company</b>	<b>Catalog</b>
p-mTOR (Ser2448)	CST	5536
mTOR	CST	2983
p-p70S6K (Thr389)	CST	9205
p70S6K	CST	9202
p-S6RP (Ser235/236)	CST	2211
S6RP	CST	2317
GAPDH	Santa Cruz	sc-365062
COL1A1	Santa Cruz	sc-293182
COL3A1	Santa Cruz	sc-271249
p-Drp-1 (Ser637)	Abcam	ab193216
p-Drp-1 (Ser616)	CST	3455
Drp-1	CST	8570
Fis1	Abcam	ab71498
Opa1	CST	80471
Mfn1	Abcam	ab126575
Mfn2	CST	9482
PINK	Santa Cruz	sc-517353
Parkin	CST	4211
FUNDC1	CST	49240
PHB2	CST	14085
BNIP3	CST	3769
SIRT6	CST	12486S
p-AMPK (Thr172)	CST	2535
AMPK	CST	5831
PGC1 $\alpha$	Santa Cruz	sc-13067
p-Smad2 (Ser465/Ser467)	CST	18338
Smad2	CST	5339
p-Smad3 (Ser423/425)	CST	9520
Smad3	CST	9523