Supplementary Information

for

***Sirt1* protects against hippocampal atrophy and its induced cognitive impairment in middle-aged mice**

Zuhao Sun1,2†, Shuang Zhao1†, Xinjun Suo1,2, Yan Dou1\*

*1 Department of Radiology and Tianjin Key Laboratory of Functional Imaging, Tianjin Medical University General Hospital, Tianjin 300052, P. R. China*

*2 School of Medical Technology, Tianjin Medical University, Tianjin 300070, P. R. China*

†These authors contributed equally to this work.

\***Correspondence:** douyan@tmu.edu.cn (Y. D.)



**Figure S1. Western blotting analysis of related protein levels after hippocampal *Sirt1* knockdown.**