

SERCA2a ameliorates cardiomyocyte T-tubule remodeling via the calpain/JPH2 pathway to improve cardiac function in myocardial ischemia/reperfusion mice

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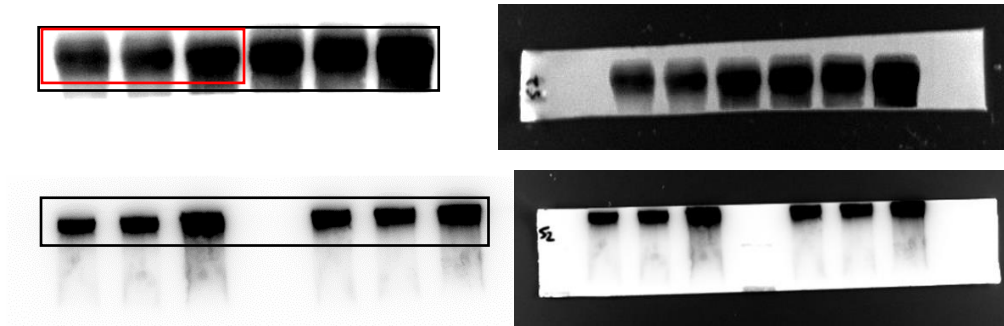
E-Mail: dongyeli@xzhmu.edu.cn

Tongda Xu, Department of Cardiology, The Affiliated Hospital of Xuzhou Medical
University, 99 West Huaihai Road, 221006, Xuzhou, Jiangsu, PR China.

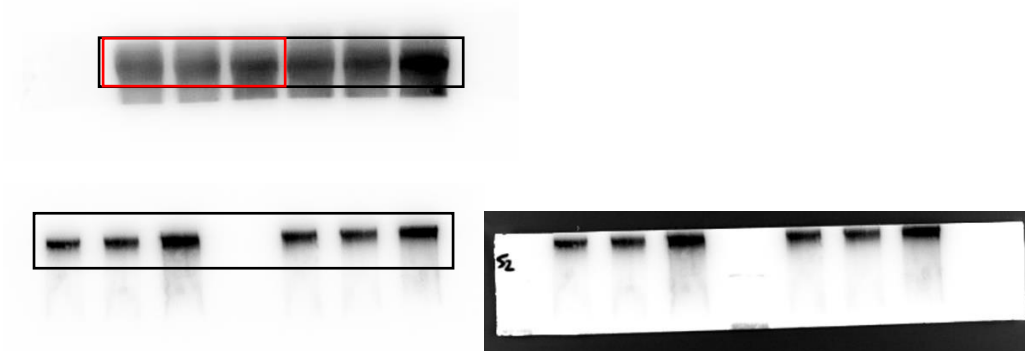
E-mail: xutongda3004@163.com.

The original blots of each figure:
Supplementary Figure 1D:

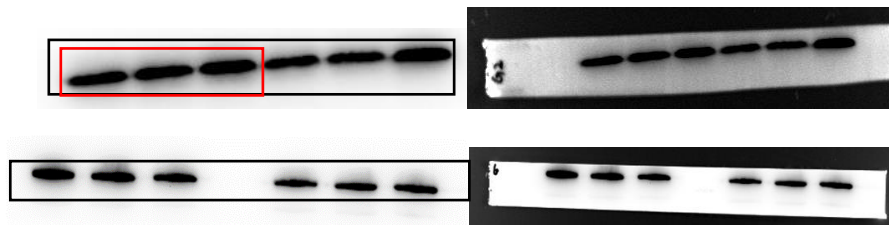
SERCA2a:



The different exposure blots:



GAPDH:



Supplementary Figure 1F:

SERCA2a:

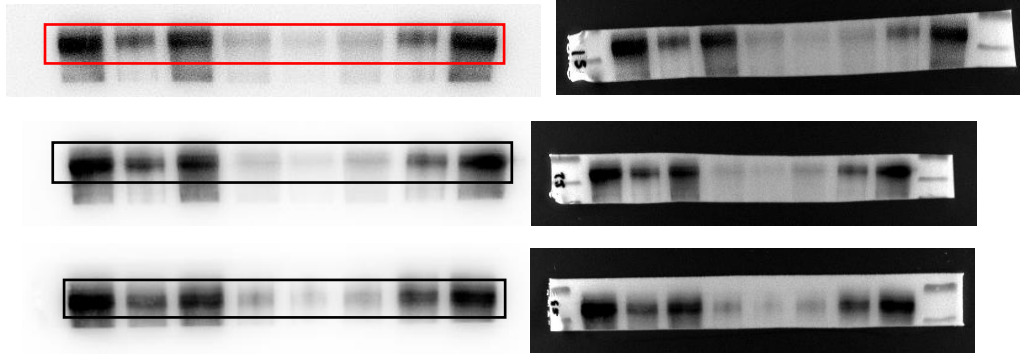


GAPDH:

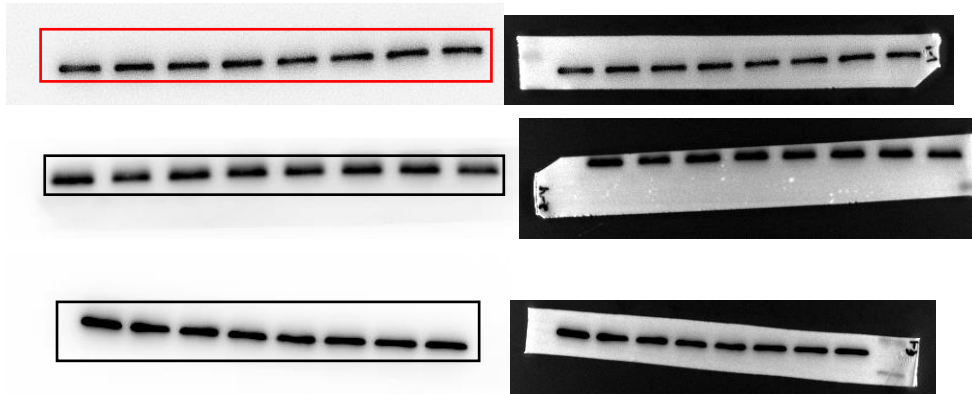


Supplementary Figure 2A:

SERCA2a:

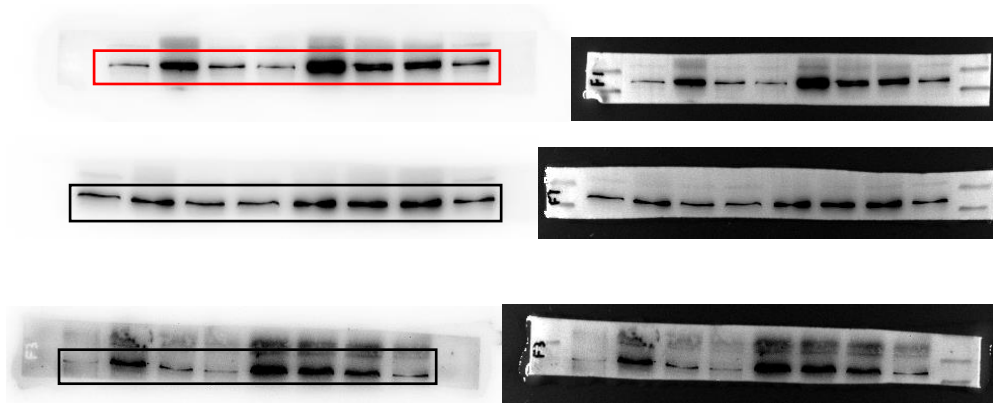


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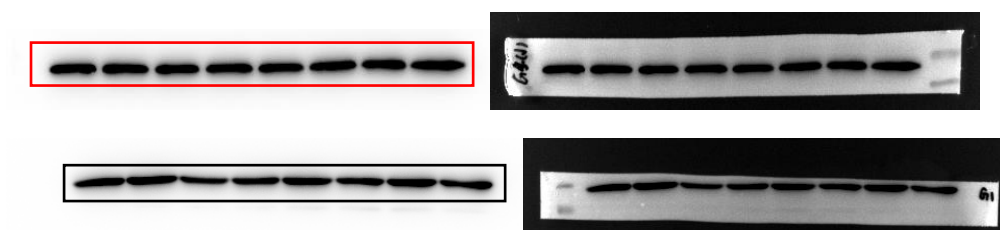


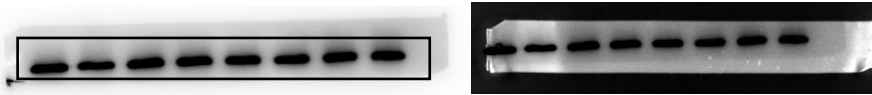
Supplementary Figure 2C:

FBDP:



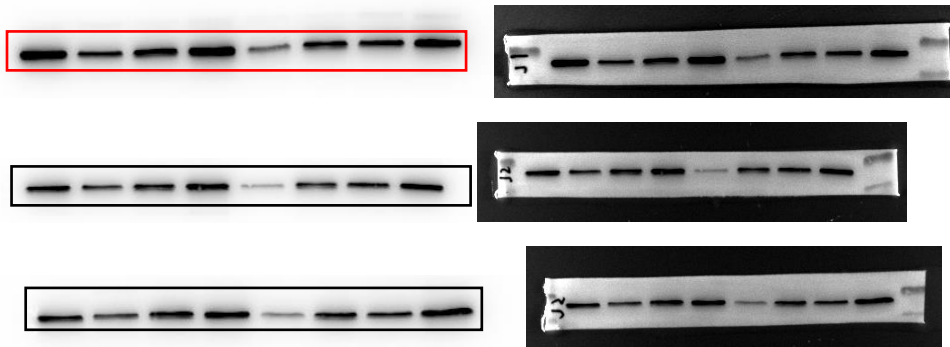
GAPDH:





Supplementary Figure 3D:

JPH2:

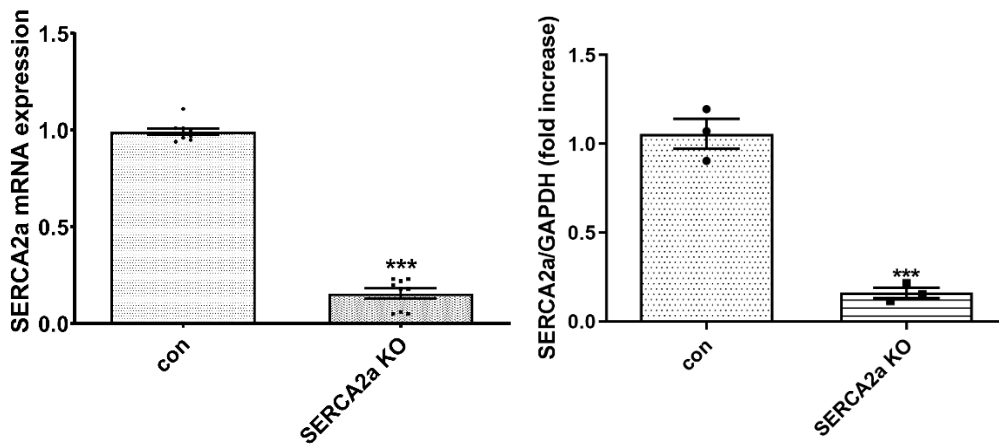
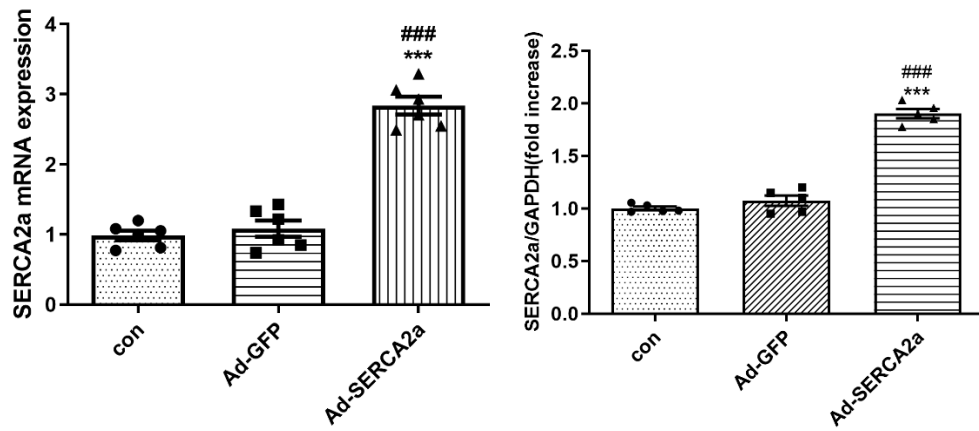


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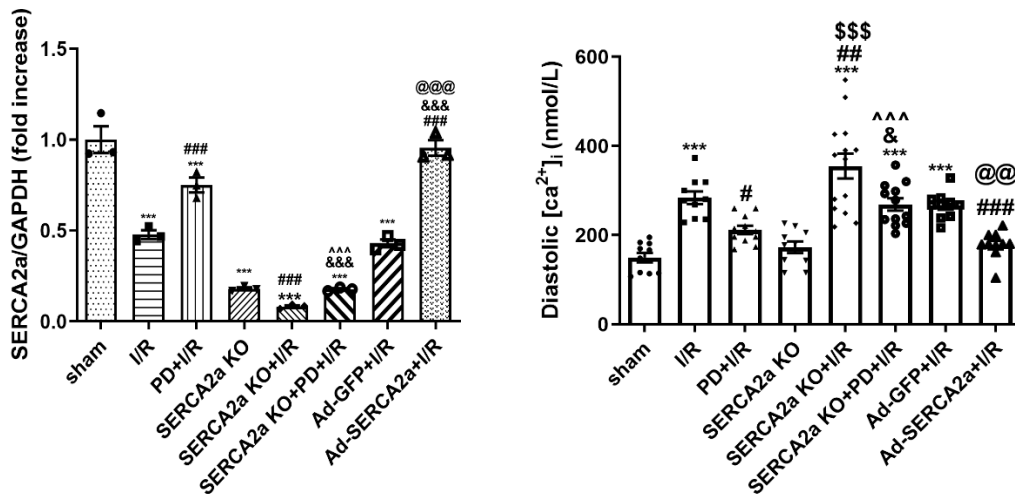


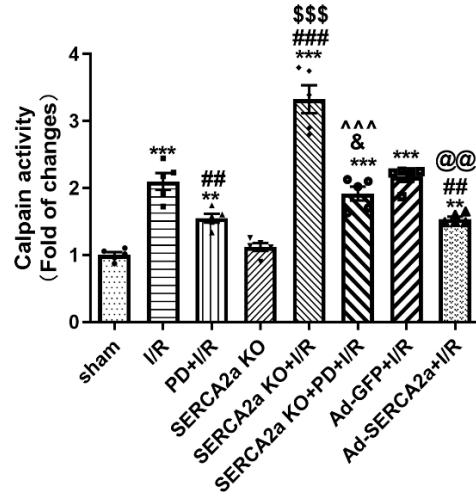
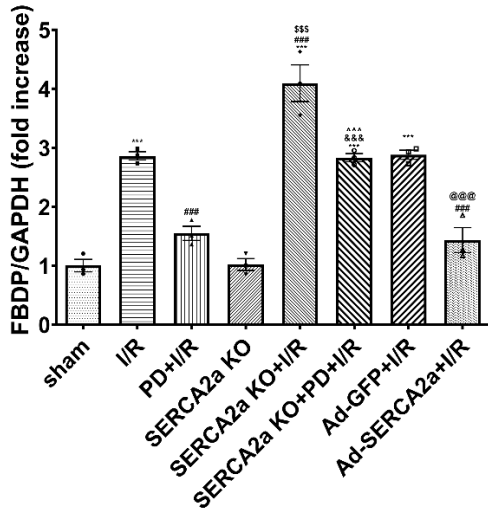
Individual data points figure:

Supplementary Figure 1C-F:

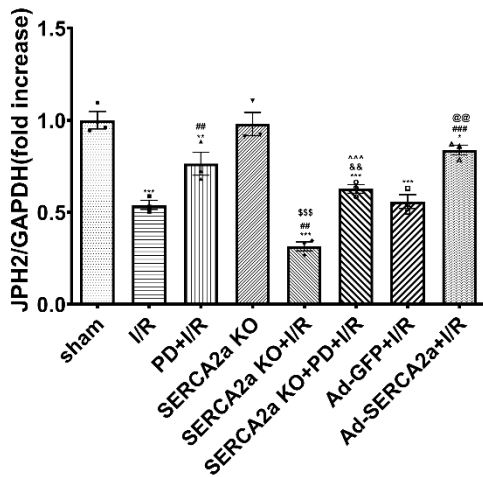
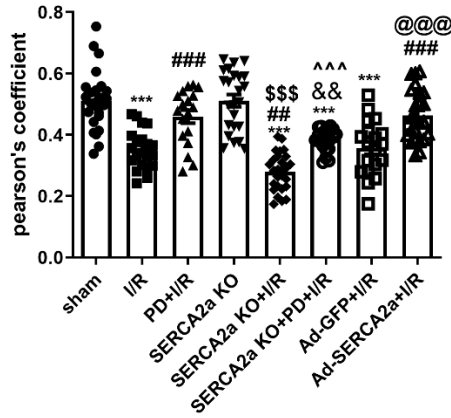
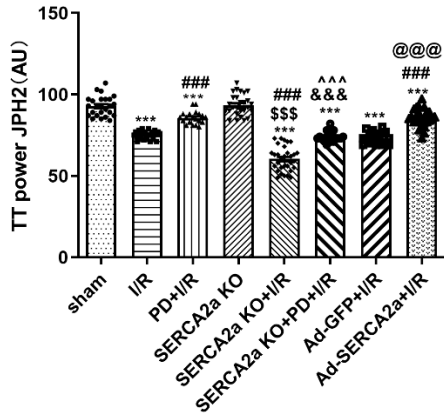


Supplementary Figure 2A-D:

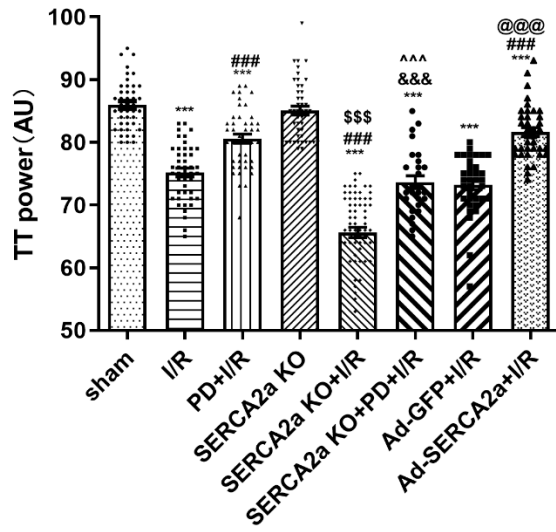




Supplementary Figure 3B-D:



Supplementary Figure 4B:



Supplementary Figure 5B/D/E:

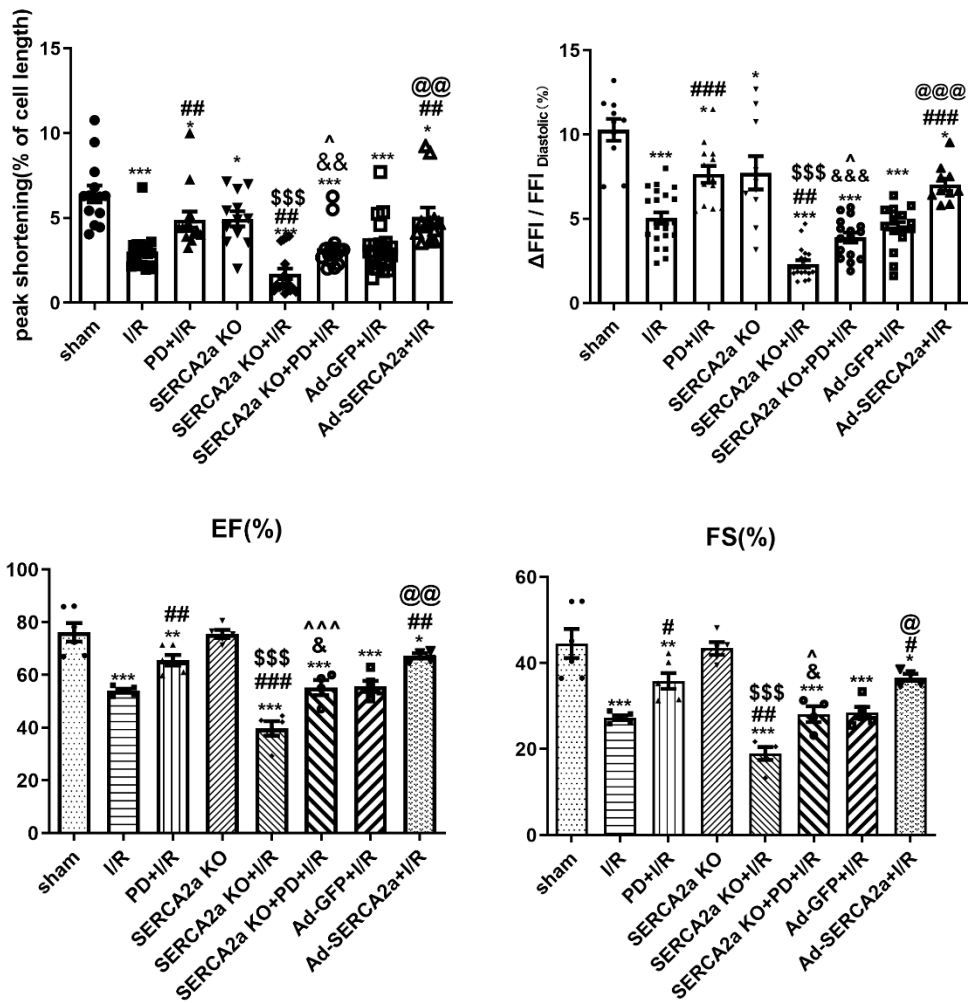
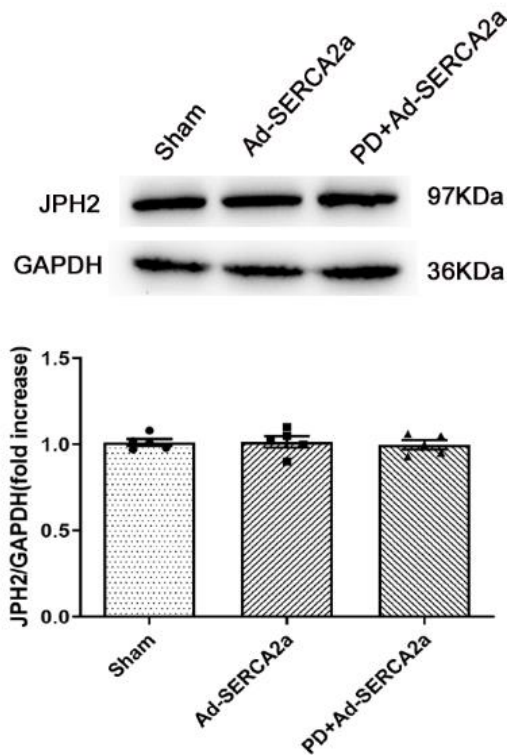


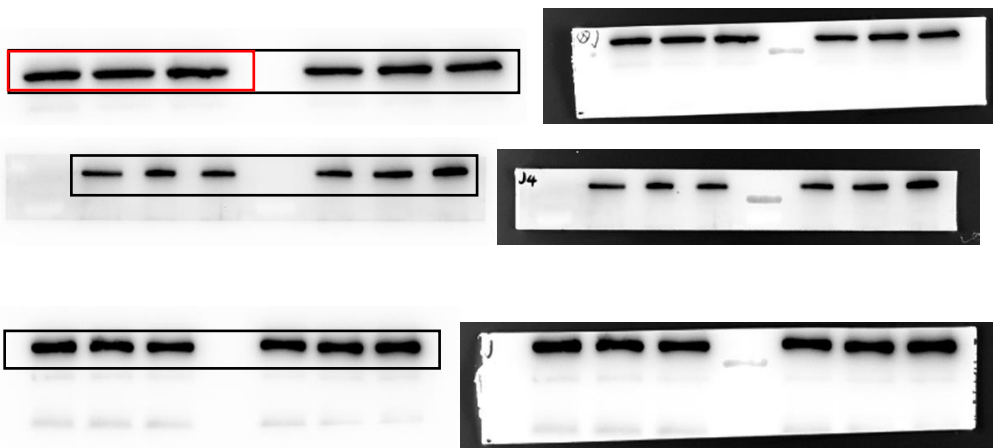
Figure S1:



The level of SERCA2a protein expression in each group; n=5; mean±SEM. GAPDH was used as the internal control. The grouping of gels/blots cropped from different parts of the same gel. Uncropped blots are available below.

The original blots of Figure S1:

JPH2:



GAPDH:

