

Accepted Manuscript

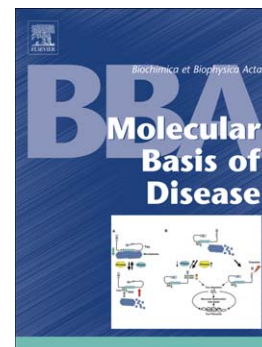
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PII: S0925-4439(17)30269-7
DOI: [doi:10.1016/j.bbadis.2017.07.034](https://doi.org/10.1016/j.bbadis.2017.07.034)
Reference: BBADIS 64846

To appear in: *BBA - Molecular Basis of Disease*

Received date: 26 January 2017
Revised date: 11 July 2017
Accepted date: 31 July 2017



Please cite this article as: Yanfang Zhao, Murugavel Ponnusamy, Cuiyun Liu, Jing Tian, Yanhan Dong, Jinning Gao, Chaoqun Wang, Yuan Zhang, Lei Zhang, Kun Wang, Peifeng Li, MiR-485-5p modulates mitochondrial fission through targeting mitochondrial anchored protein ligase in cardiac hypertrophy, *BBA - Molecular Basis of Disease* (2017), doi:[10.1016/j.bbadis.2017.07.034](https://doi.org/10.1016/j.bbadis.2017.07.034)

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MiR-485-5p modulates mitochondrial fission through targeting mitochondrial anchored protein ligase in cardiac hypertrophy

Yanfang Zhao ^a, Murugavel Ponnusamy ^a, Cuiyun Liu ^a, Jing Tian ^b, Yanhan Dong ^a, Jinning Gao ^a, Chaoqun Wang ^a, Yuan Zhang ^a, Lei Zhang ^a, Kun Wang ^{a,*}, Peifeng Li ^{a,*}

^a Center for Developmental Cardiology, Institute for Translational Medicine, Qingdao University, Deng Zhou Road 38, Qingdao 266021, China

^b Department of cardiology, The Affiliated Cardiovascular Hospital of Qingdao University, Qingdao 266003, China

***Corresponding**

Kun Wang, Peifeng Li, Center for Developmental Cardiology, Institute for Translational Medicine, Qingdao University, Deng Zhou Road 38, Qingdao 266021, China

Phone: +86 0532 82991791

E-mail address: wangk696@163.com (K.W.), peifli@qdu.edu.cn (P.F. L.)

Highlights

- The pathogenesis of cardiac hypertrophy is tightly associated with mitochondrial fission
- MAPL participates in modulation of mitochondrial fission and hypertrophy in cardiomyocytes
- miR-485-5p inhibits MAPL expression and increases Mfn2 level
- MiR-485-5p suppresses mitochondrial fission and hypertrophy in cardiomyocytes
- miR-485-5p and MAPL constitute a signaling axis to regulate mitochondrial fission and cardiac hypertrophy

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