#### **Supplemental Files for:**

# Hugan Qingzhi tablets attenuates endoplasmic reticulum stress in nonalcoholic fatty liver disease rats by regulating PERK and ATF6 pathways

Miaoting Yang<sup>1</sup>, Xiaorui Yao<sup>2</sup>, Fan Xia<sup>3</sup>, Shijian Xiang<sup>3</sup>, Waijiao Tang<sup>4</sup>, Benjie Zhou<sup>3</sup>\*

- 1. Department of Pharmacy, People's Hospital of Longhua, Shenzhen, 518109, Guangdong, China.
- 2. Department of Pharmacy, Shantou Central Hospital, Shantou, 515041, Guangdong, China.
- 3. Department of Pharmacy, the Seventh Affiliated Hospital, Sun Yat-sen University, Shenzhen, 518107, PR China
- 4. Zhujiang Hospital, Southern Medical University, Guangzhou, 510282, Guangdong, China.

#### Address correspondence to:

Benjie Zhou: zhoubj23@mail.sysu.edu.cn; Tel.: +86 075581206186; Fax: +86 075581206166.

ORCID ID: <a href="https://orcid.org/0000-0001-5630-110X">https://orcid.org/0000-0001-5630-110X</a>

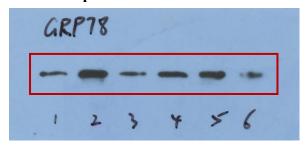
#### E-mail addresses:

Miaoting Yang: 13392971213@163.com; Xiaorui Yao: 312578497@qq.com; Fan Xia: xiafan@sysush.com;

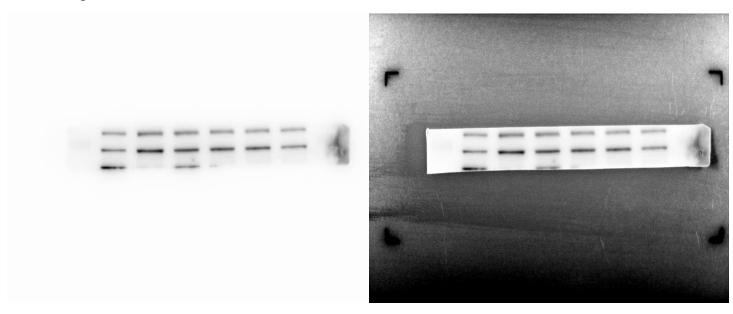
Shijian Xiang: xiangshj3@mail.sysu.edu.cn Waijiao Tang: tangwaijiao 2006@126.com

#### **Supplementary Figure S1. The Western blot images corresponding to Fig.7a**

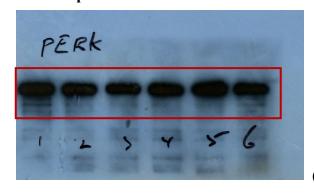
• GRP78-full unedited gel for Figure 7a GRP78-Repeat 1



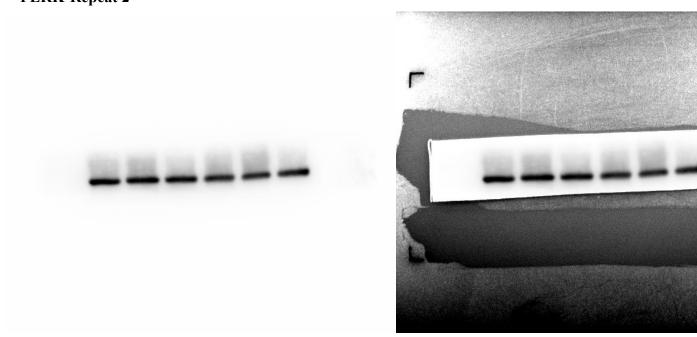
**GRP78-Repeat 2** 



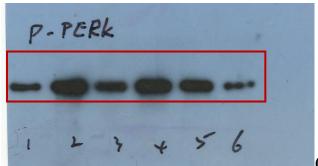
#### • PERK-full unedited gel for Figure 7a PERK-Repeat 1



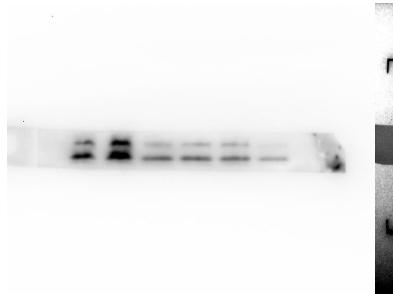
PERK-Repeat 2



#### • p-PERK-full unedited gel for Figure 7a p-PERK-Repeat 1

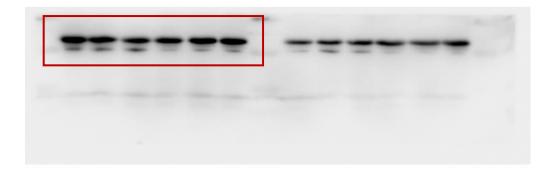


p-PERK-Repeat 2

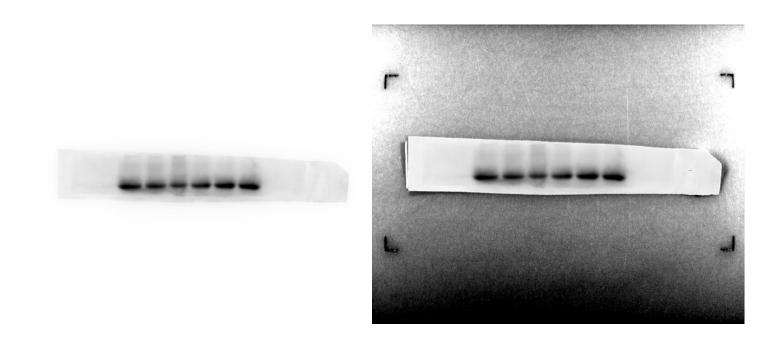




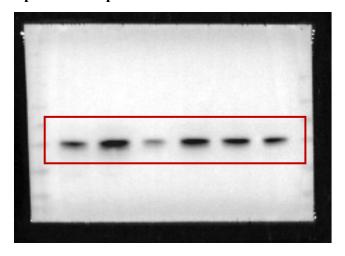
### • EIF2α-full unedited gel for Figure 7a EIF2α-Repeat1



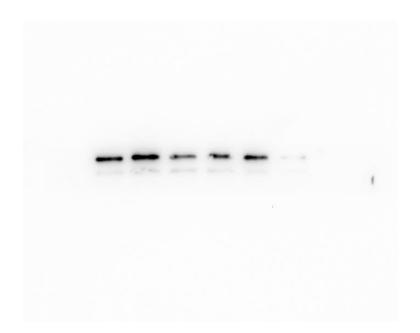
EIF2α-Repeat2



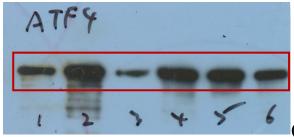
### • p-EIF2α-full unedited gel for Figure 7a p-EIF2α-Repeat1



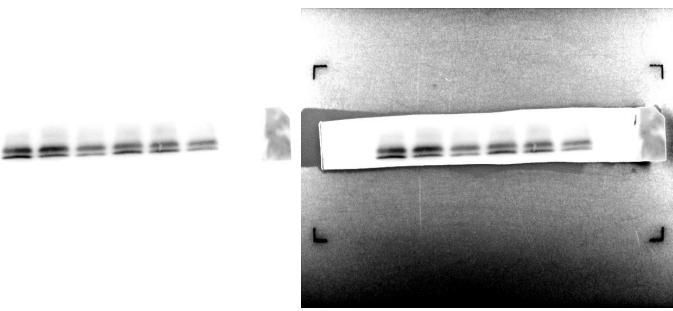
p-EIF2α-Repeat2



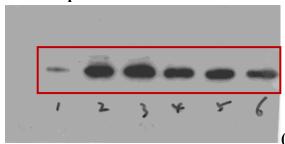
#### • ATF4-full unedited gel for Figure 7a ATF4- Repeat 1



ATF4- Repeat 2

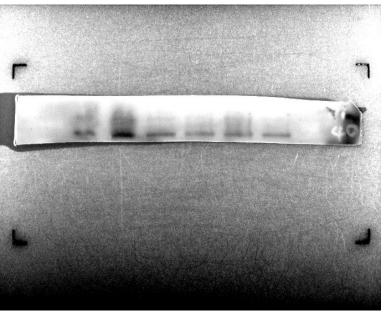


## • ACC -full unedited gel for Figure 7a ACC -Repeat 1

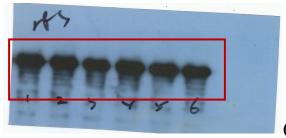


ACC -Repeat 2

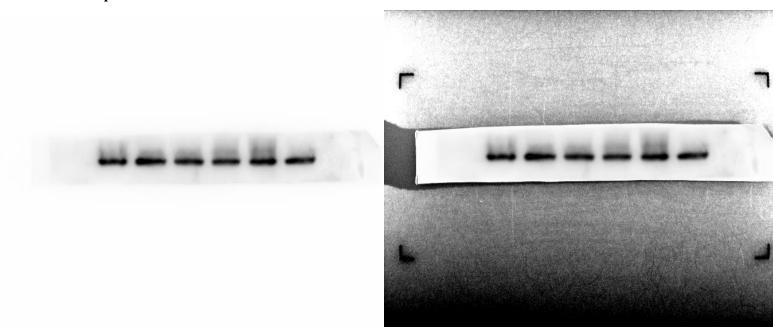




## • GAPDH -full unedited gel for Figure 7a: GAPDH - Repeat 1

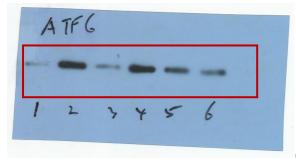


**GAPDH - Repeat 2** 

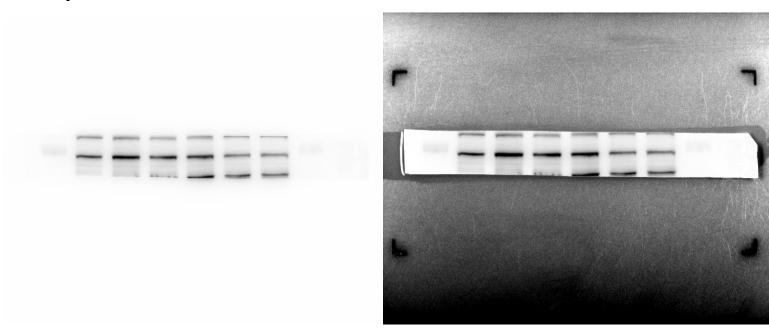


#### Supplementary Figure S2. The Western blot images corresponding to Fig.8a

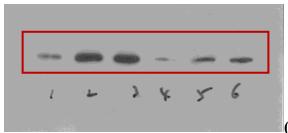
• ATF6-full unedited gel for Figure 8a: ATF6-Repeat 1



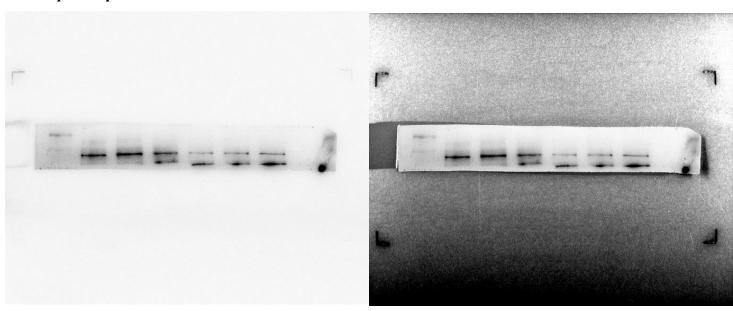
ATF6-Repeat 2



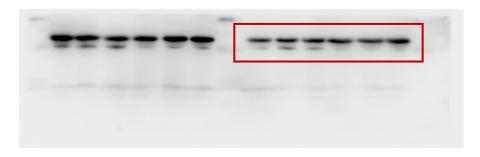
### • NF-κB-p65-full unedited gel for Figure 8a: NF-κB-p65-Repeat 1



NF-κB-p65-Repeat 2



### • GAPDH-full unedited gel for Figure 8a: GAPDH-Repeat1



**GAPDH-Repeat2** 

