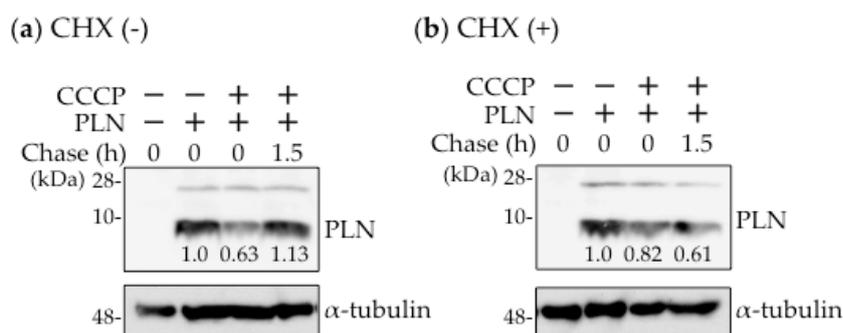




# 1 Phospholamban Is Downregulated by 2 pVHL-Mediated Degradation through Oxidative 3 Stress in Failing Heart

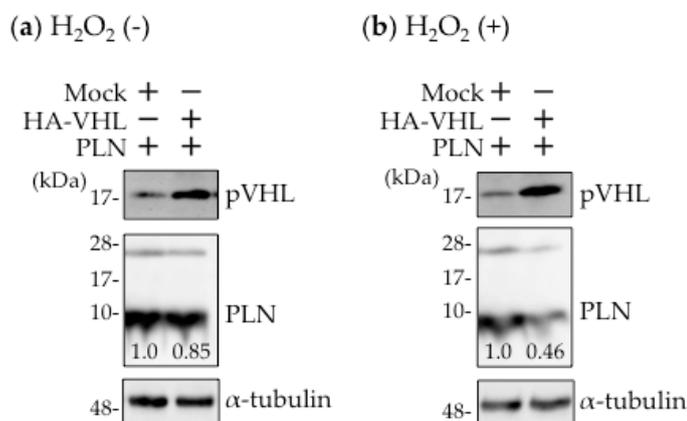
4 Shunichi Yokoe and Michio Asahi \*

## 5 Supplementary Materials



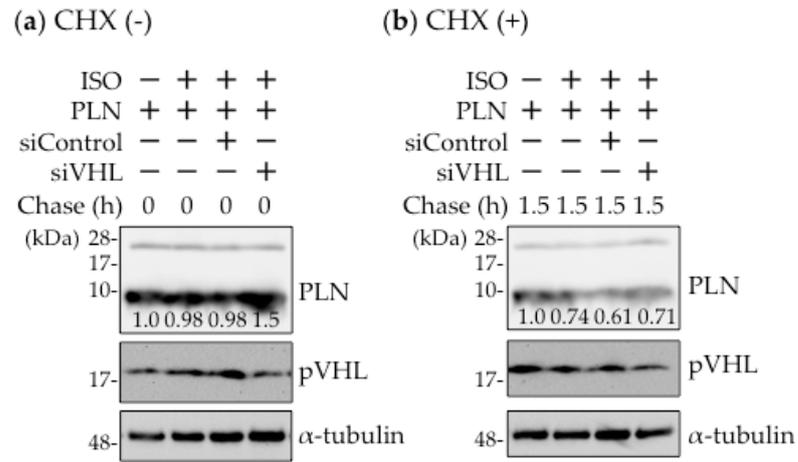
6

7 **Supplementary Figure S1.** (a,b) 20  $\mu$ M carbonylcyanide m-chlorophenylhydrazine (CCCP)-treated  
8 HEK293 cells were washed to remove CCCP away, and chased for 1.5 h with (b) or without (a) 50  
9  $\mu$ g/mL cycloheximide (CHX).



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11 **Supplementary Figure S2.** (a,b) VHL overexpression using HA-VHL expression vector was  
12 performed in PLN-transfected HEK293 cells, compared with HA-mock overexpressed cells. The cells  
13 were harvested with (b) or without (a) 100  $\mu$ M H<sub>2</sub>O<sub>2</sub> treatment for 1 h.



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**Supplementary Figure S3.** (a,b) *VHL* silencing was performed in PLN-transfected HEK293 cells, compared with negative siRNA control (siControl). 1  $\mu$ M isoproterenol (ISO)-treated HEK293 cells were washed to remove ISO away, and chased for 1.5 h with (b) or without (a) 50  $\mu$ g/mL cycloheximide (CHX).