

# Dihydromyricetin protects against liver ischemia/reperfusion induced apoptosis *via* activation of FOXO3a-mediated autophagy

## Supplementary Material

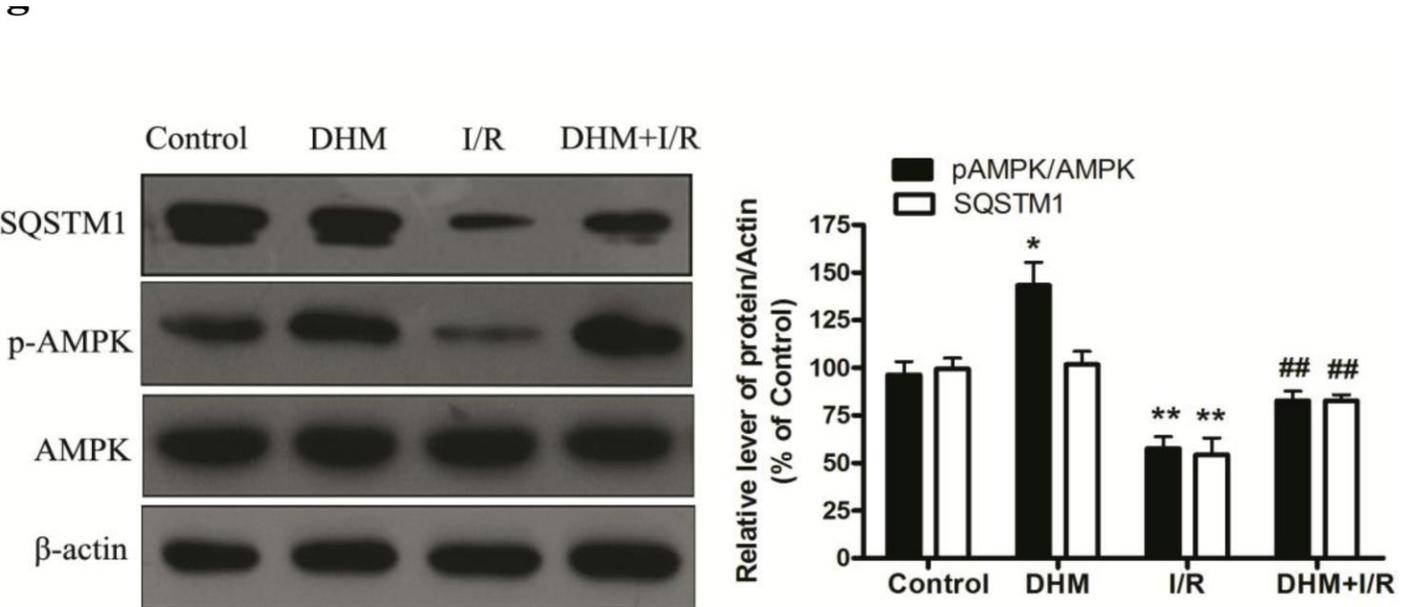


Fig. S1 Effects of DHM on the expression of SQSTM1 and AMPK suppressed by liver I/R injury in C57BL/6 mice. The protein level of (A)SQSTM1, (B)p-AMPK, was determined using western-blot as described previously. The results are expressed as a percentage of control, which was set at 100 %. The values are presented as the means  $\pm$  SEM, \* $p < 0.05$ , \*\* $p < 0.01$  versus the control group, and ## $p < 0.01$  versus the liver I/R group(n=20).

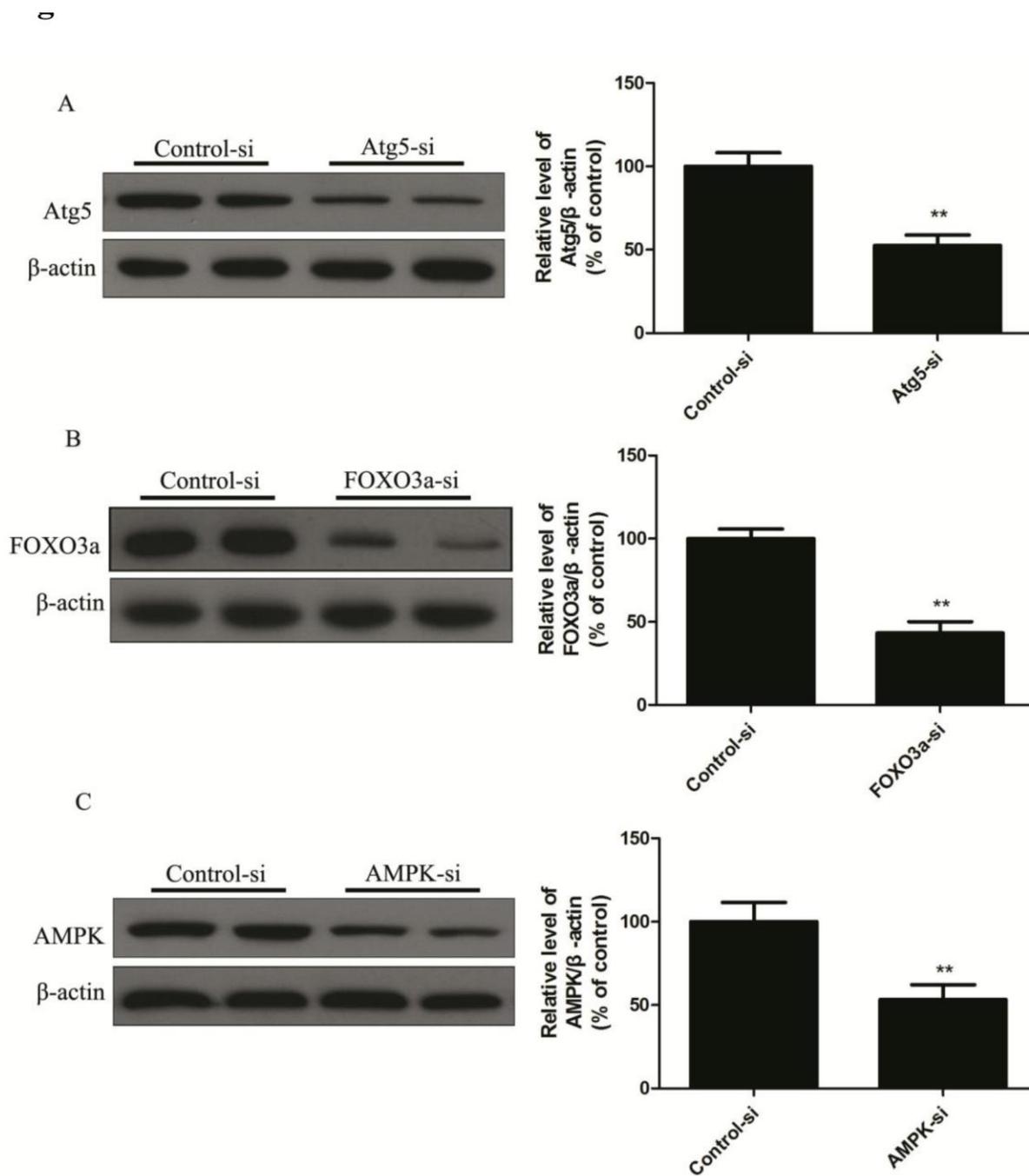


Fig. S2 The knockdown efficiency of si-RNA approaches is included in our study. The protein level of (A)Atg5, (B)AMPK, (C)FOXO3a, was determined using western-blot as described previously. The results are expressed as a percentage of control, which was set at 100 %. The values are presented as the means  $\pm$  SEM, \*\* $p < 0.01$  versus the control group (n=20).