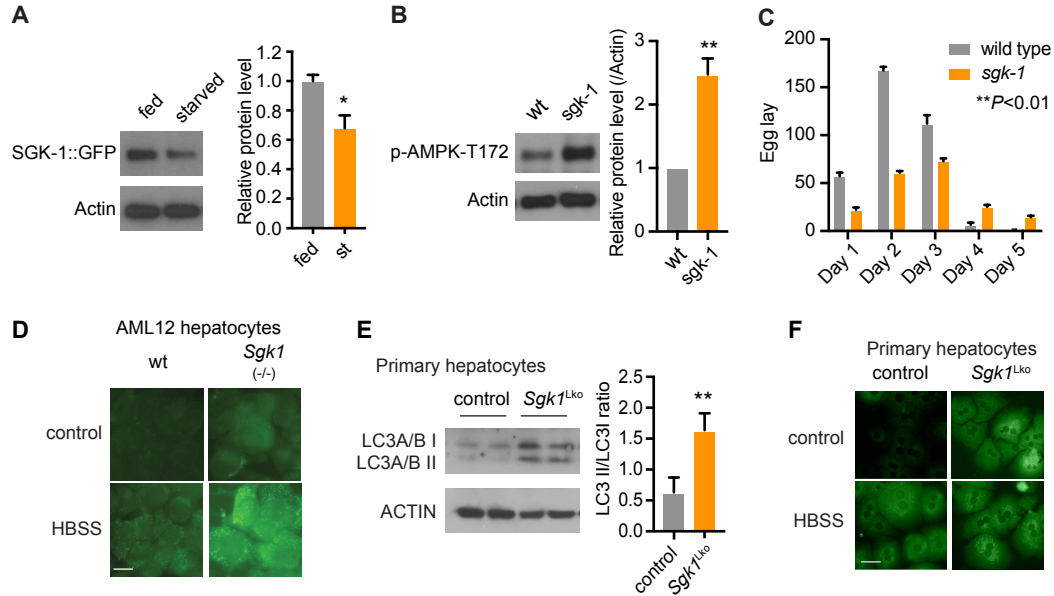
A
fed
starved
SGK-1::GFP
Actin
Relative protein level
1.2
1.0
0.8
0.6
0.4
0.2
0.0
*
fed
st
B
wt
sgk-1
p-AMPK-T172
Actin
Relative protein level (/Actin)
3
2
1
0
**
wt
sgk-1
C
200
150
100
50
0
Egg lay
wild type
sgk-1
**P<0.01
Day 1
Day 2
Day 3
Day 4
Day 5
D
AML12 hepatocytes
wt
Sgk1
(-/-)
control
HBSS
E
Primary hepatocytes
control
Sgk1Lko
LC3A/B I
LC3A/B II
ACTIN
LC3 II/LC3I ratio
2.5
2.0
1.5
1.0
0.5
0.0
**
control
Sgk1Lko
F
Primary hepatocytes
control
Sgk1Lko
control
HBSS