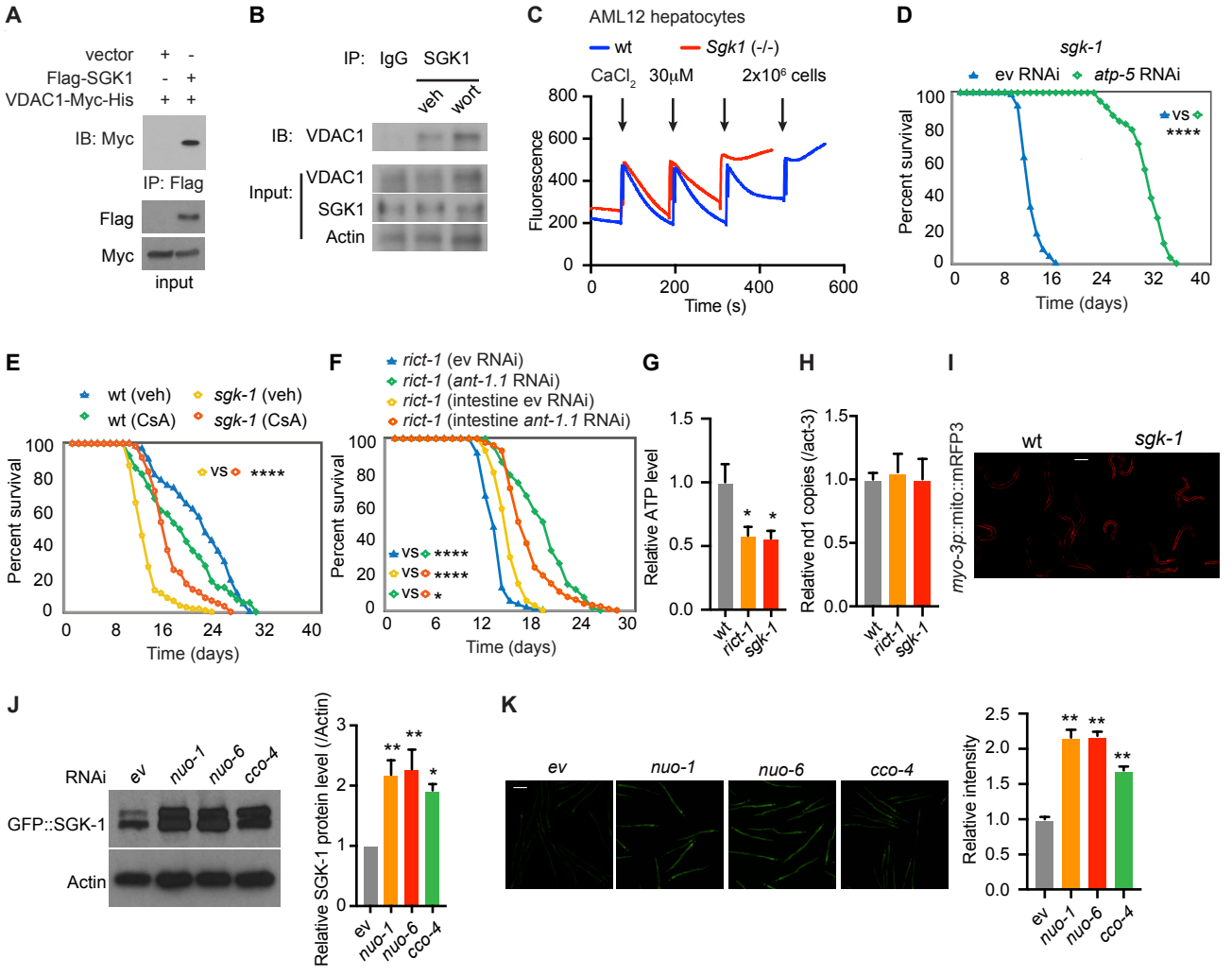
A
vector + -
Flag-SGK1 - +
VDAC1-Myc-His + +
IB: Myc
IP: Flag
Flag
Myc
input
B
IP: IgG SGK1
veh wort
IB: VDAC1
Input: VDAC1
SGK1
Actin
C
AML12 hepatocytes
wt
Sgk1 (-/-)
CaCl2 30μM 2x10⁶ cells
Fluorescence
Time (s)
D
sgk-1
ev RNAi
atp-5 RNAi
Percent survival
Time (days)
vs ****
E
wt (veh)
wt (CsA)
sgk-1 (veh)
sgk-1 (CsA)
Percent survival
Time (days)
vs ****
F
rict-1 (ev RNAi)
rict-1 (ant-1.1 RNAi)
rict-1 (intestine ev RNAi)
rict-1 (intestine ant-1.1 RNAi)
Percent survival
Time (days)
vs ****
vs ****
vs *
G
Relative ATP level
wt
rict-1
sgk-1
H
Relative nd1 copies (/act-3)
wt
rict-1
sgk-1
I
wt
sgk-1
myo-3p::mito::mRFP3
J
RNAi
ev
nuo-1
nuo-6
cco-4
GFP::SGK-1
Actin
Relative SGK-1 protein level (/Actin)
ev
nuo-1
nuo-6
cco-4
K
ev
nuo-1
nuo-6
cco-4
Relative intensity
ev
nuo-1
nuo-6
cco-4