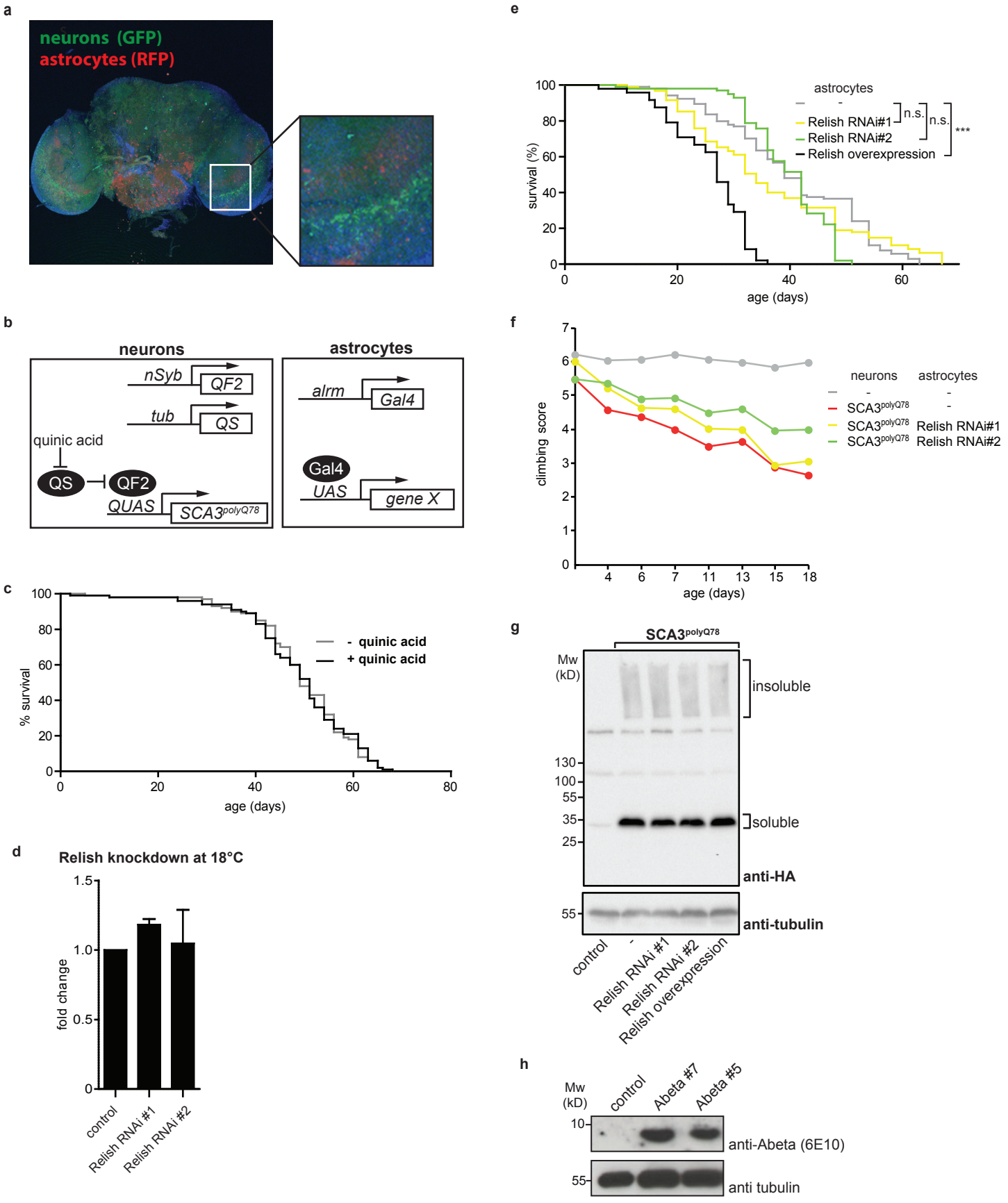

a
neurons (GFP)
astrocytes (RFP)
b
neurons
astrocytes
nSyb
QF2
tub
QS
quinic acid
QS
QF2
QUAS
SCA3polyQ78
alrm
Gal4
Gal4
UAS
gene X
c
% survival
age (days)
- quinic acid
+ quinic acid
d
Relish knockdown at 18°C
fold change
control
Relish RNAi #1
Relish RNAi #2
e
survival (%)
age (days)
astrocytes
Relish RNAi#1
Relish RNAi#2
Relish overexpression
n.s.
n.s.
***
f
climbing score
age (days)
neurons
astrocytes
SCA3polyQ78
SCA3polyQ78 Relish RNAi#1
SCA3polyQ78 Relish RNAi#2
g
SCA3polyQ78
Mw (kD)
insoluble
soluble
anti-HA
anti-tubulin
control
Relish RNAi #1
Relish RNAi #2
Relish overexpression
h
Mw (kD)
control
Abeta #7
Abeta #5
anti-Abeta (6E10)
anti tubulin