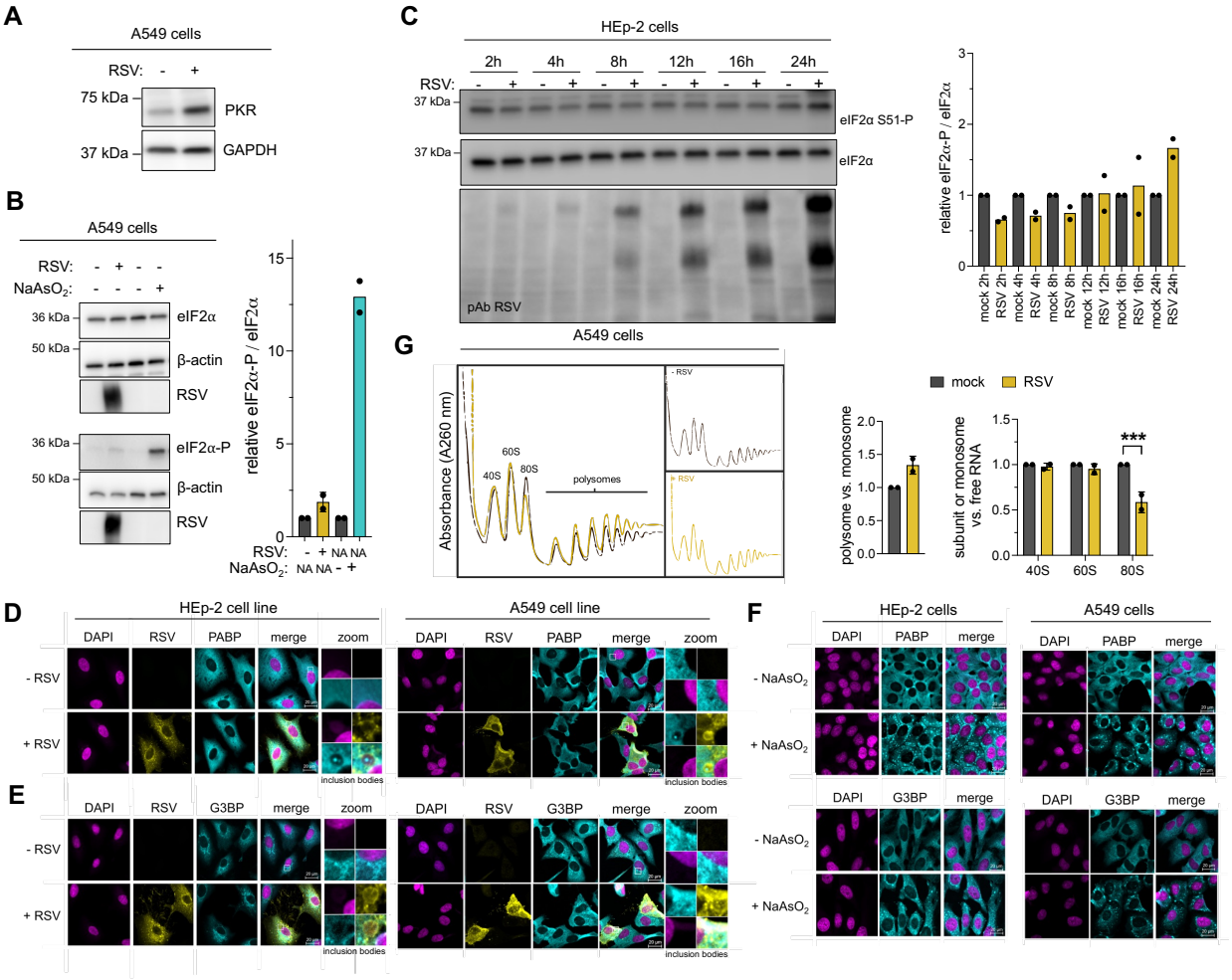
Figure S1


A
A549 cells
RSV: - +
75 kDa
PKR
37 kDa
GAPDH
B
A549 cells
RSV: - + - -
NaAsO2: - - - +
36 kDa
eIF2α
50 kDa
β-actin
RSV
36 kDa
eIF2α-P
50 kDa
β-actin
RSV
relative eIF2α-P / eIF2α
RSV: - + NA NA
NaAsO2: NA NA - +
C
HEp-2 cells
2h 4h 8h 12h 16h 24h
RSV: - + - + - + - + - + - +
37 kDa
eIF2α S51-P
37 kDa
eIF2α
pAb RSV
relative eIF2α-P / eIF2α
mock 2h
RSV 2h
mock 4h
RSV 4h
mock 8h
RSV 8h
mock 12h
RSV 12h
mock 16h
RSV 16h
mock 24h
RSV 24h
G
A549 cells
Absorbance (A260 nm)
40S
60S
80S
polysomes
- RSV
+ RSV
mock
RSV
polysome vs. monosome
subunit or monosome vs. free RNA
***
40S
60S
80S
D
HEp-2 cell line
DAPI
RSV
PABP
merge
zoom
- RSV
+ RSV
inclusion bodies
A549 cell line
E
G3BP
F
HEp-2 cells
A549 cells
- NaAsO2
+ NaAsO2