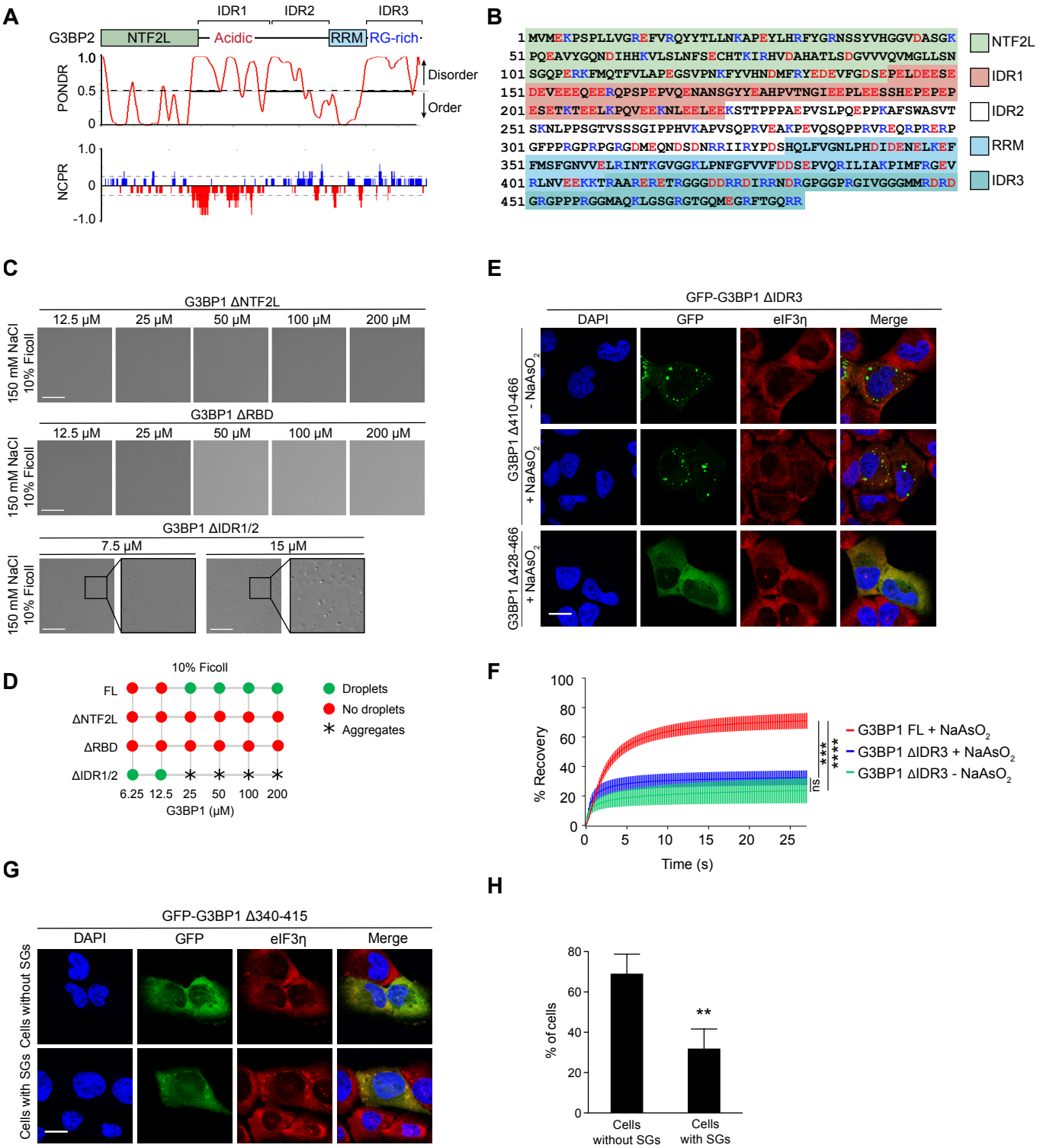
Figure S3


A
IDR1
IDR2
IDR3
G3BP2
NTF2L
Acidic
RRM
RG-rich
PONDR
Disorder
Order
NCPR
B
NTF2L
IDR1
IDR2
RRM
IDR3
C
G3BP1 ΔNTF2L
12.5 μM
25 μM
50 μM
100 μM
200 μM
150 mM NaCl
10% Ficoll
G3BP1 ΔRBD
G3BP1 ΔIDR1/2
7.5 μM
15 μM
D
10% Ficoll
FL
ΔNTF2L
ΔRBD
ΔIDR1/2
6.25 12.5 25 50 100 200
G3BP1 (μM)
Droplets
No droplets
Aggregates
E
GFP-G3BP1 ΔIDR3
DAPI
GFP
eIF3η
Merge
G3BP1 Δ410-466
G3BP1 Δ428-466
- NaAsO2
+ NaAsO2
F
% Recovery
Time (s)
G3BP1 FL + NaAsO2
G3BP1 ΔIDR3 + NaAsO2
G3BP1 ΔIDR3 - NaAsO2
ns
***
****
G
GFP-G3BP1 Δ340-415
DAPI
GFP
eIF3η
Merge
Cells without SGs
Cells with SGs
H
% of cells
**
Cells without SGs
Cells with SGs