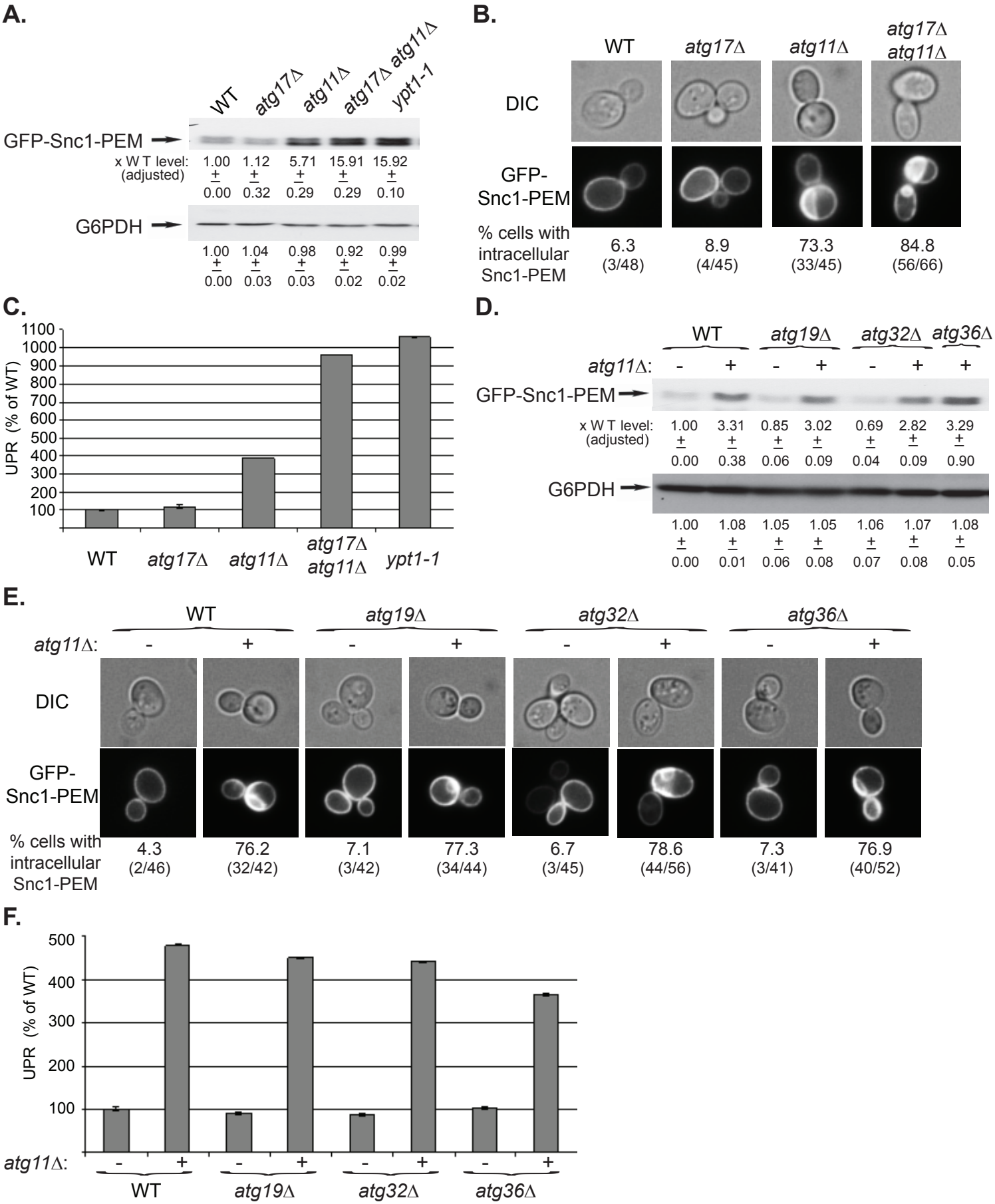
Figure S1


A.
WT
atg17Δ
atg11Δ
atg17Δ atg11Δ
ypt1-1
GFP-Snc1-PEM
x W T level: (adjusted)
1.00 ± 0.00
1.12 ± 0.32
5.71 ± 0.29
15.91 ± 0.29
15.92 ± 0.10
G6PDH
1.00 ± 0.00
1.04 ± 0.03
0.98 ± 0.03
0.92 ± 0.02
0.99 ± 0.02
B.
WT
atg17Δ
atg11Δ
atg17Δ atg11Δ
DIC
GFP-Snc1-PEM
% cells with intracellular Snc1-PEM
6.3 (3/48)
8.9 (4/45)
73.3 (33/45)
84.8 (56/66)
C.
UPR (% of WT)
1100
1000
900
800
700
600
500
400
300
200
100
WT
atg17Δ
atg11Δ
atg17Δ atg11Δ
ypt1-1
D.
WT
atg19Δ
atg32Δ
atg36Δ
atg11Δ: - + - + - + +
GFP-Snc1-PEM
x W T level: (adjusted)
1.00 ± 0.00
3.31 ± 0.38
0.85 ± 0.06
3.02 ± 0.09
0.69 ± 0.04
2.82 ± 0.09
3.29 ± 0.90
G6PDH
1.00 ± 0.00
1.08 ± 0.01
1.05 ± 0.06
1.05 ± 0.08
1.06 ± 0.07
1.07 ± 0.08
1.08 ± 0.05
E.
WT
atg19Δ
atg32Δ
atg36Δ
atg11Δ: - + - + - + - +
DIC
GFP-Snc1-PEM
% cells with intracellular Snc1-PEM
4.3 (2/46)
76.2 (32/42)
7.1 (3/42)
77.3 (34/44)
6.7 (3/45)
78.6 (44/56)
7.3 (3/41)
76.9 (40/52)
F.
UPR (% of WT)
500
400
300
200
100
atg11Δ: - + - + - + - +
WT
atg19Δ
atg32Δ
atg36Δ