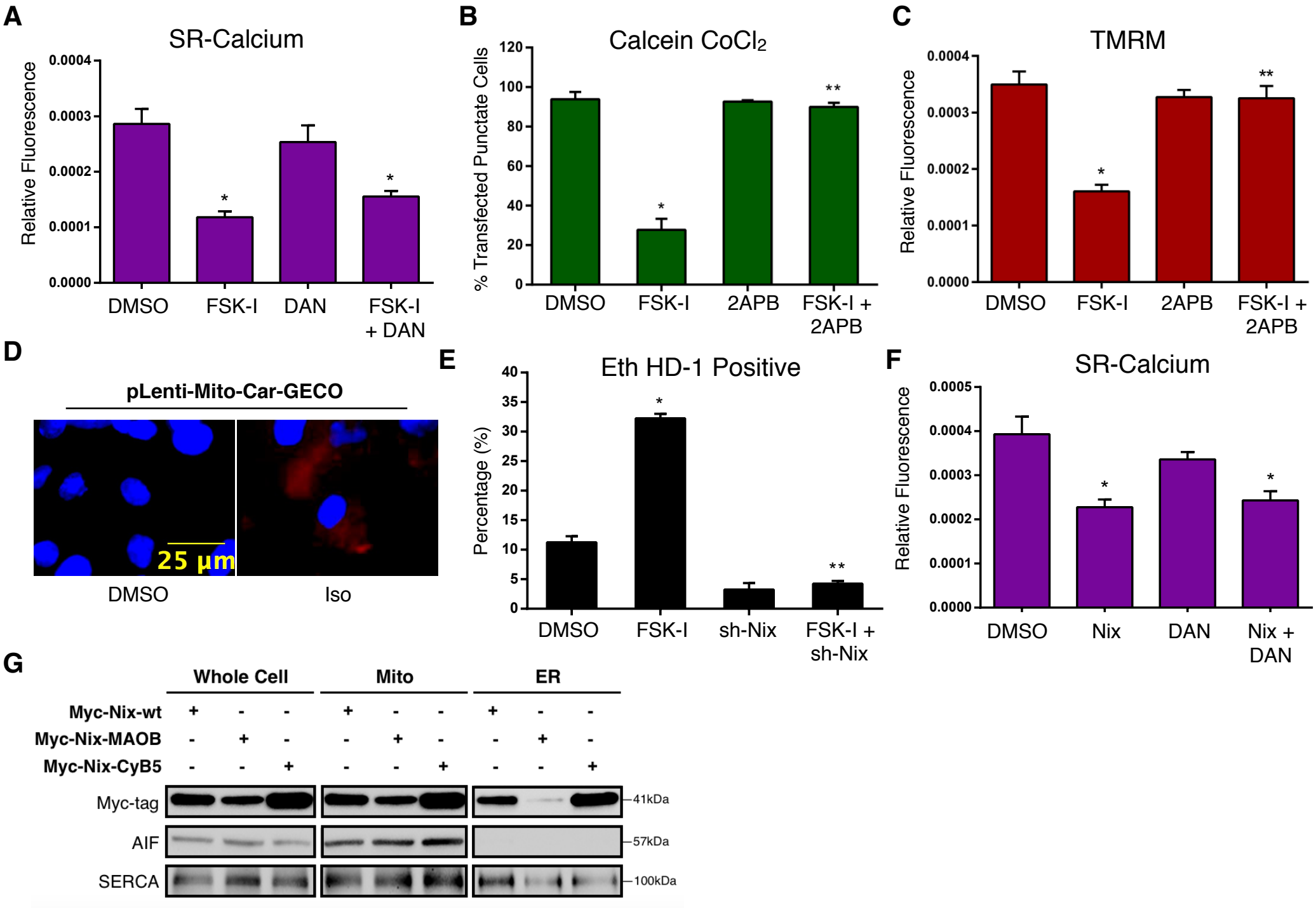
Figure S2


A
SR-Calcium
Relative Fluorescence
0.0004
0.0003
0.0002
0.0001
0.0000
*
*
DMSO
FSK-I
DAN
FSK-I + DAN
B
Calcein CoCl2
% Transfected Punctate Cells
120
100
80
60
40
20
0
*
**
DMSO
FSK-I
2APB
FSK-I + 2APB
C
TMRM
Relative Fluorescence
0.0004
0.0003
0.0002
0.0001
0.0000
*
**
DMSO
FSK-I
2APB
FSK-I + 2APB
D
pLenti-Mito-Car-GECO
25 µm
DMSO
Iso
E
Eth HD-1 Positive
Percentage (%)
40
35
30
25
20
15
10
5
0
*
**
DMSO
FSK-I
sh-Nix
FSK-I + sh-Nix
F
SR-Calcium
Relative Fluorescence
0.0005
0.0004
0.0003
0.0002
0.0001
0.0000
*
*
DMSO
Nix
DAN
Nix + DAN
G
Whole Cell
Mito
ER
Myc-Nix-wt
Myc-Nix-MAOB
Myc-Nix-CyB5
Myc-tag
AIF
SERCA
41kDa
57kDa
100kDa