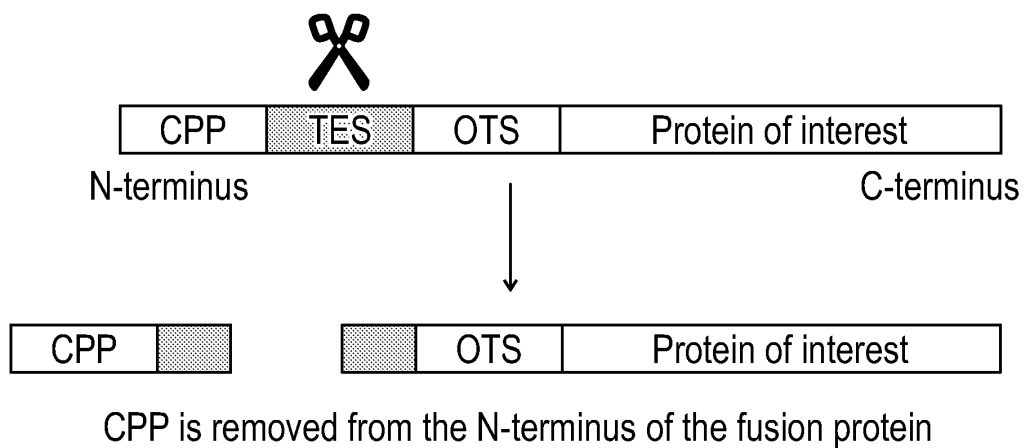


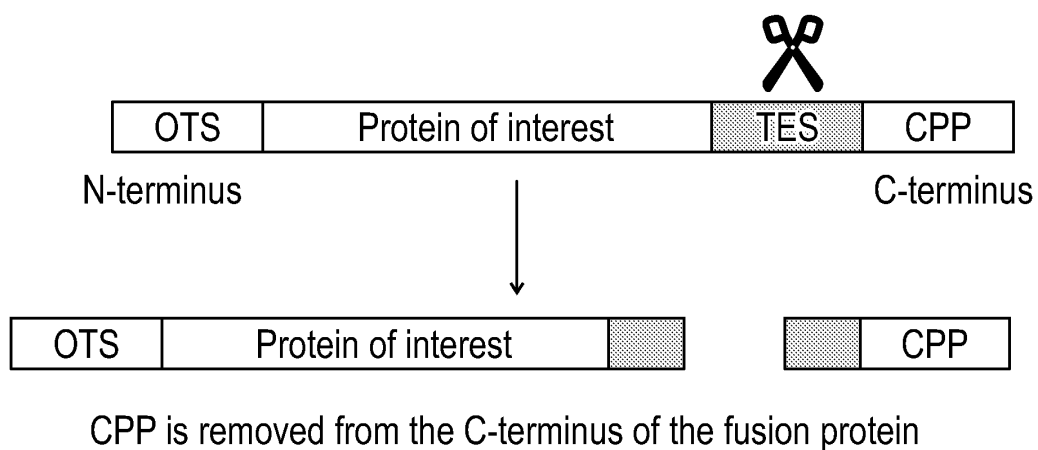
1/25

FIG. 1**A.**

TES is cut by an endogenous protease

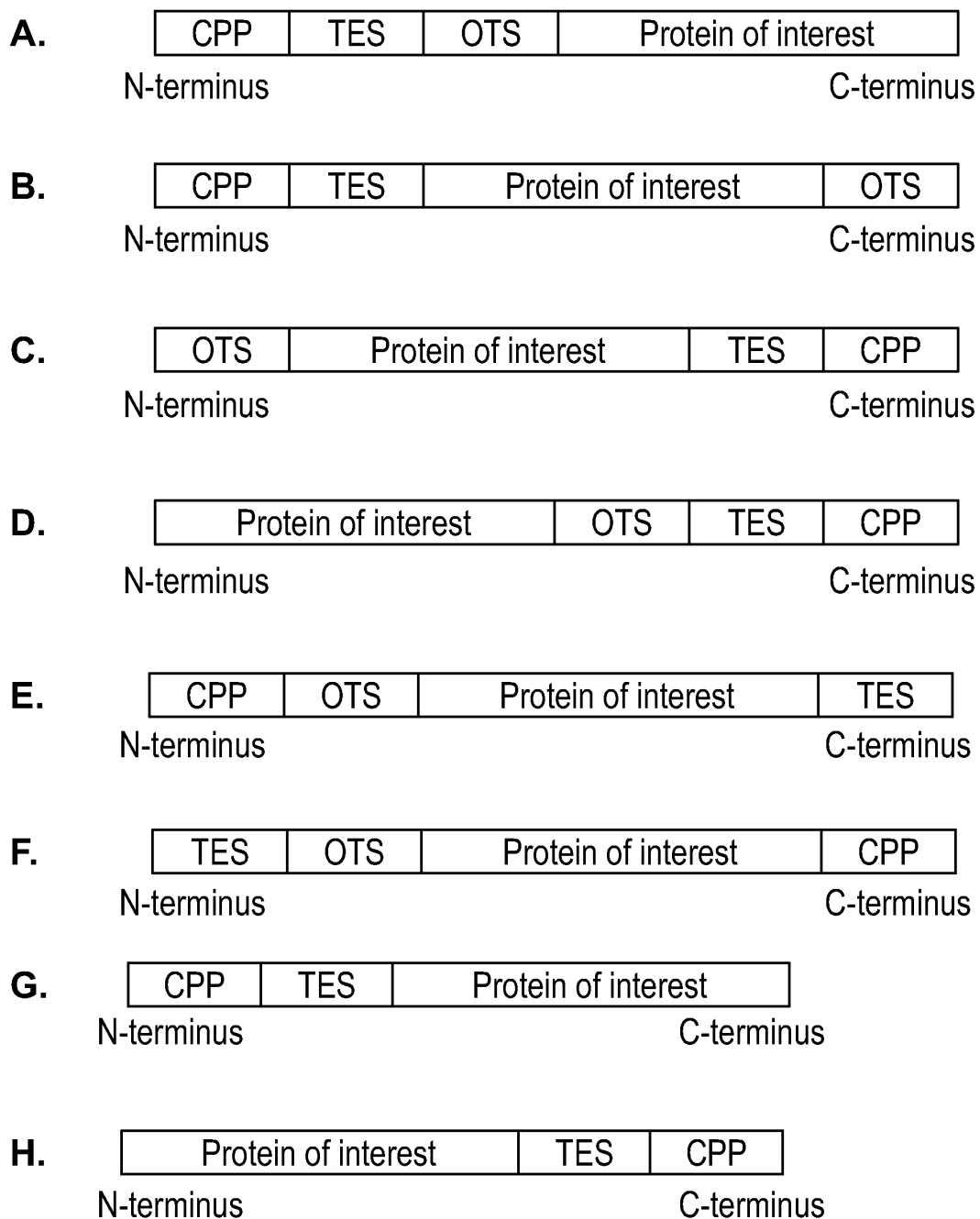
**B.**

TES is cut by an endogenous protease



2/25

FIG. 2



3/25

FIG. 3
Frataxin and Mitochondrial Protein TOMM20 Immunolocalization Further
to Transduction with TAT-GG-hFXN in Rat L6 Myoblasts

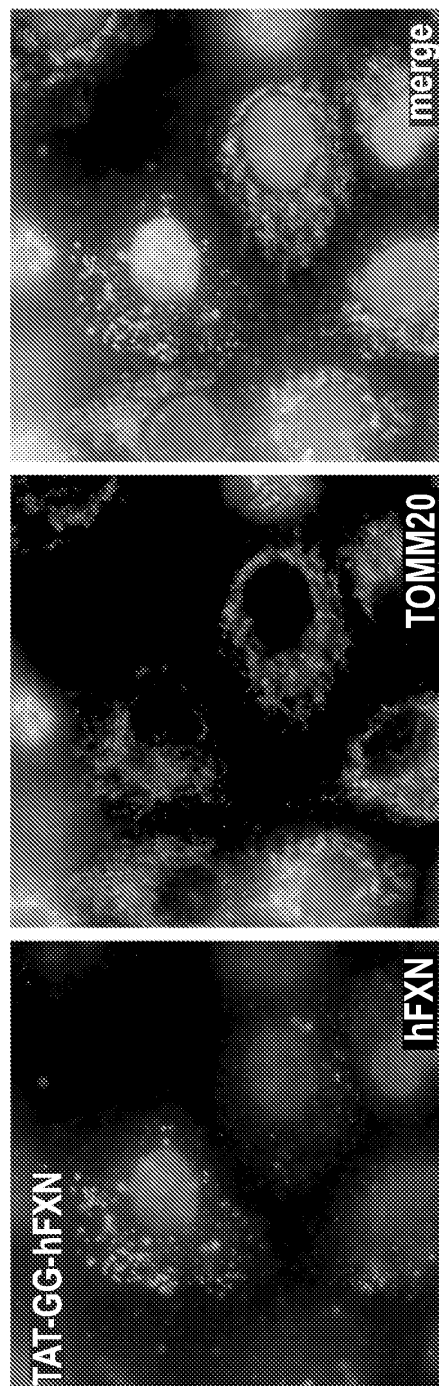
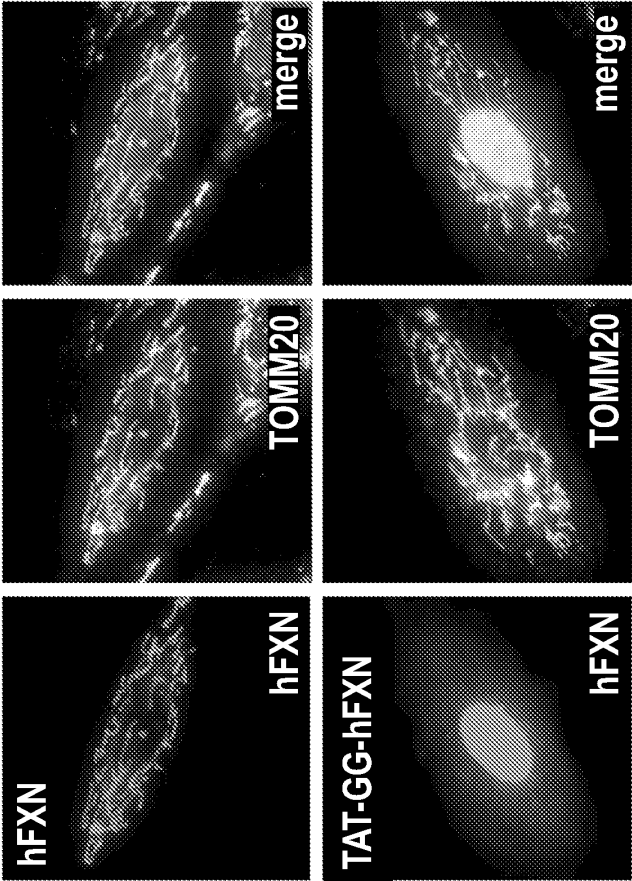


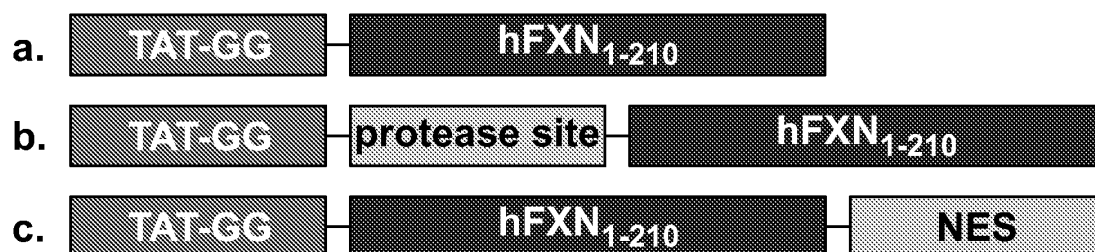
FIG. 4
Frataxin and Mitochondrial Protein TOMM20 Immunolocalization Further to Transfection with hFXN or TAT-GG-hFXN in Rat L6 Myoblasts



5/25

FIG. 5

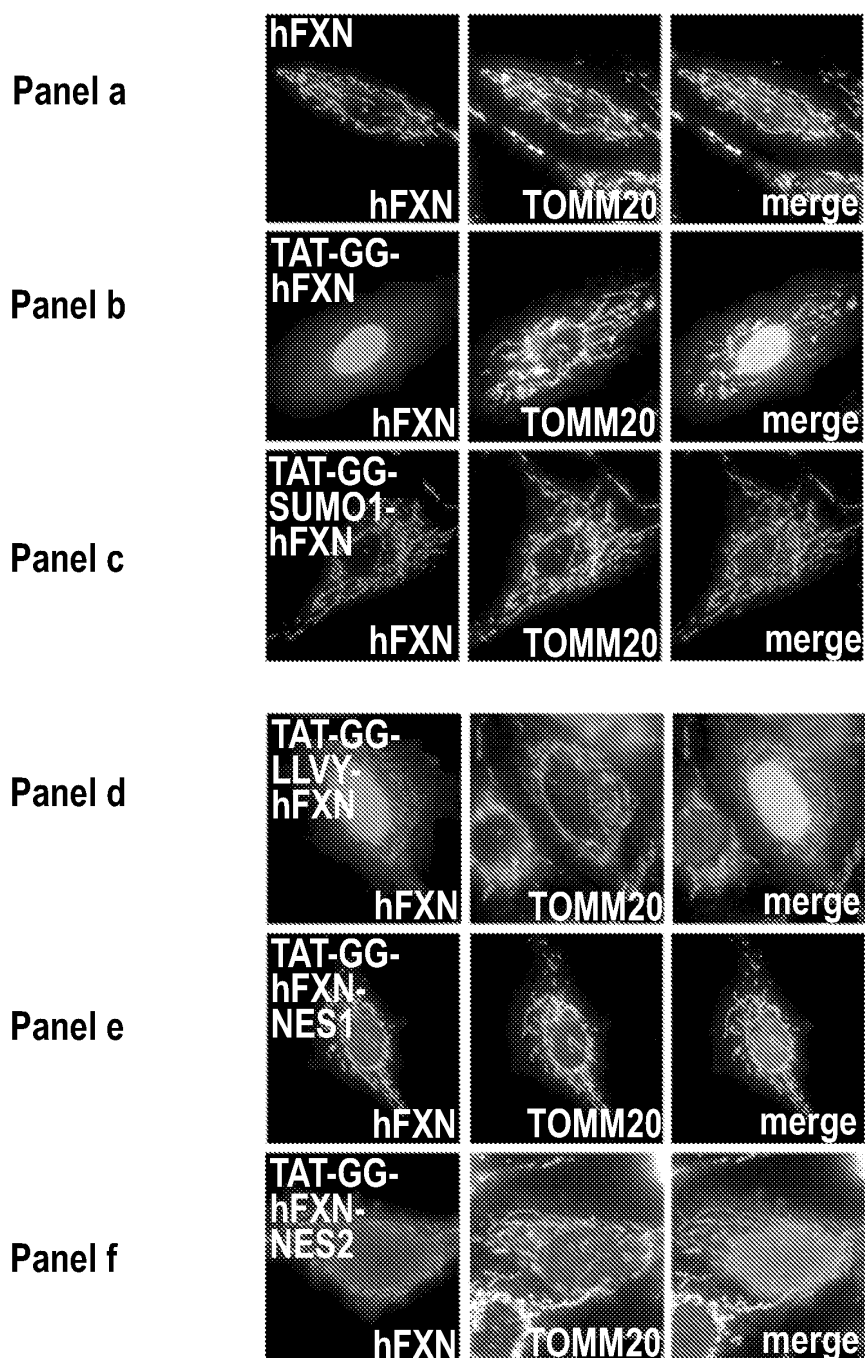
General Design of the Novel Variant hFXN Fusion Proteins



6/25

FIG. 6

Frataxin and Mitochondrial Protein TOMM20 Immunolocalization in Rat L6 Myoblasts Further to Transfection with hFXN, or TAT-GG-hFXN, or a Novel hFXN Fusion Protein



7/25

FIG. 6 (continued)

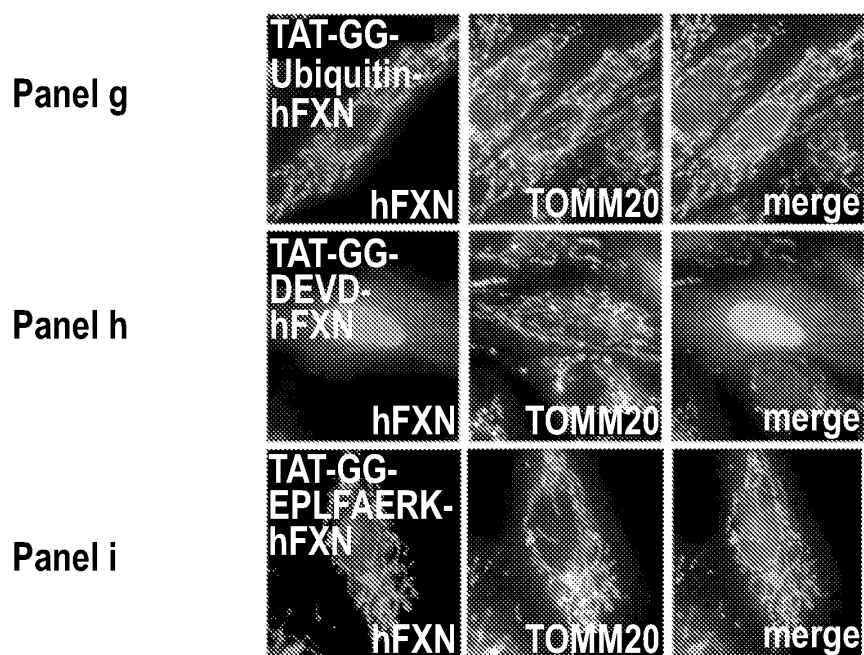


FIG. 7
Detection of hFXN in Cells Transfected with Novel hFXN Variants

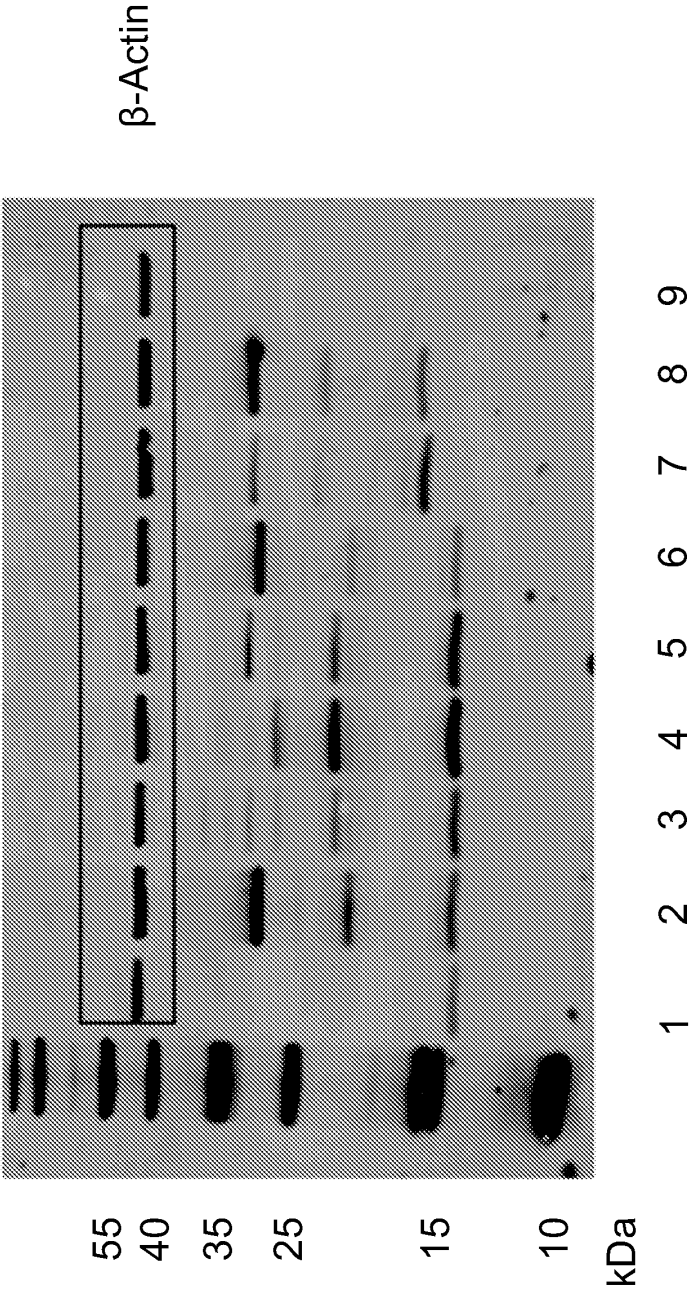


FIG. 8

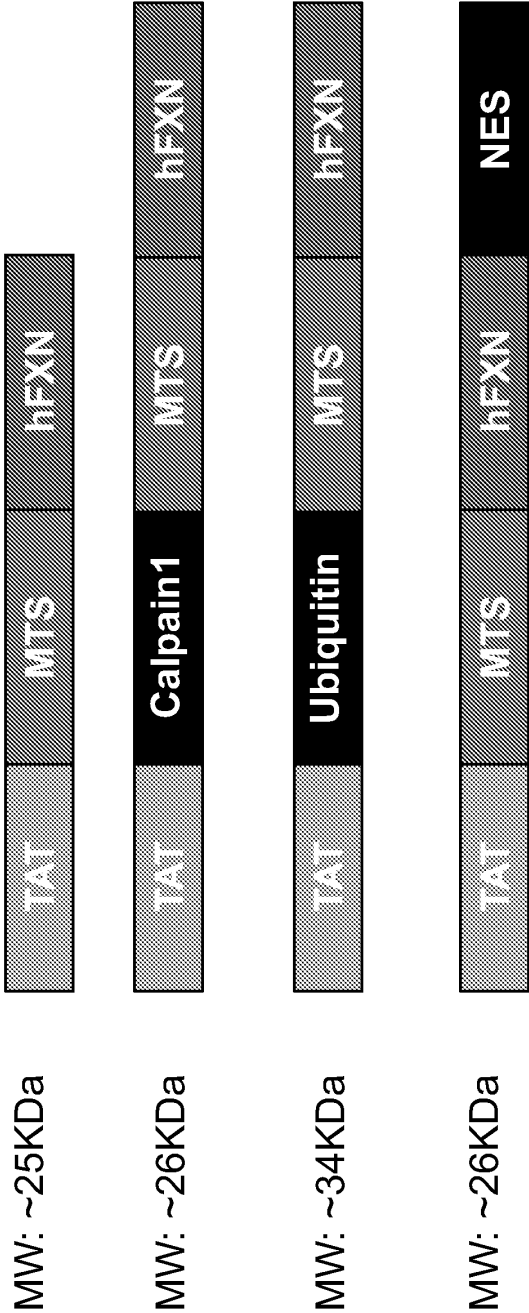


FIG. 9

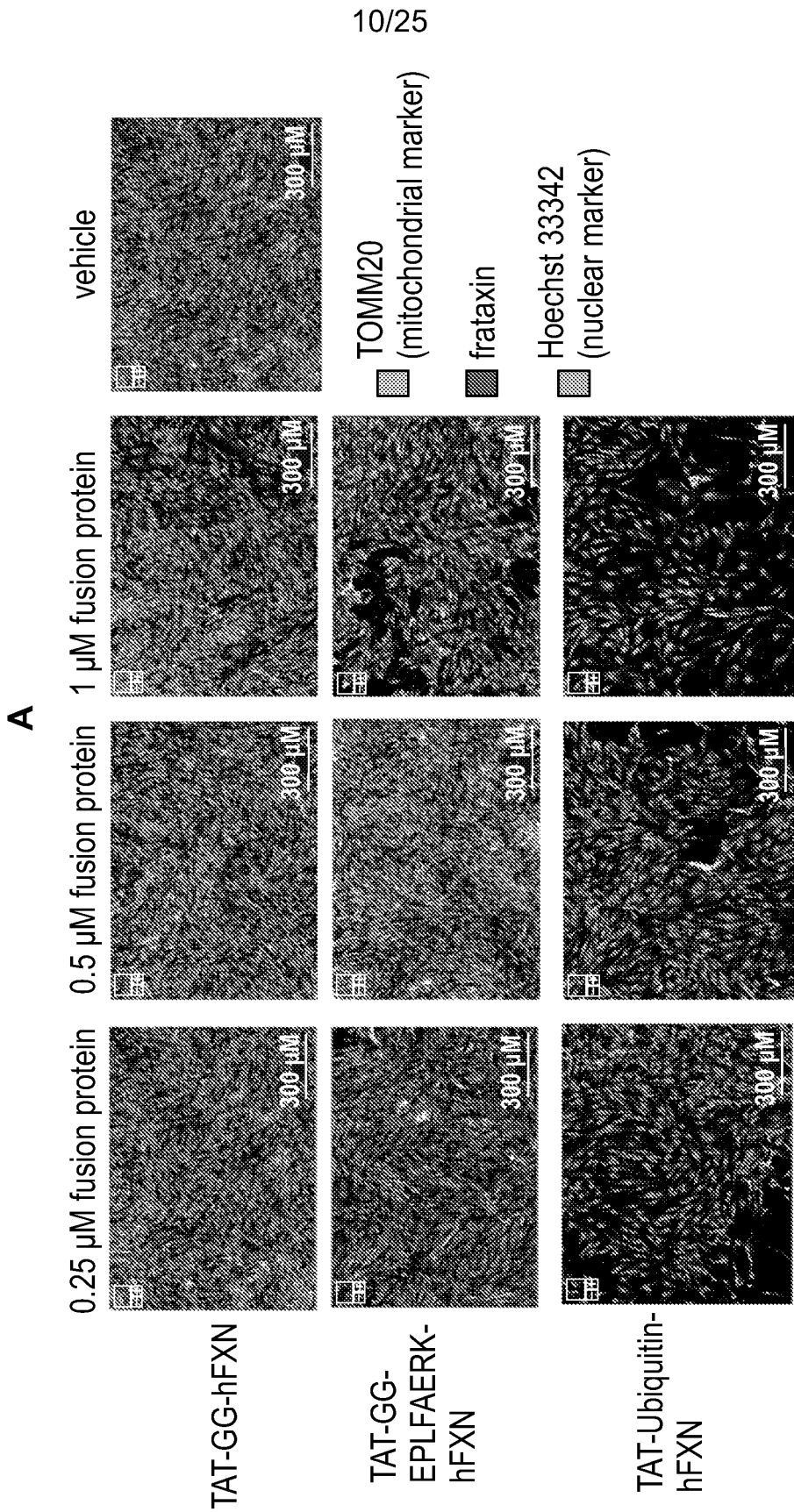
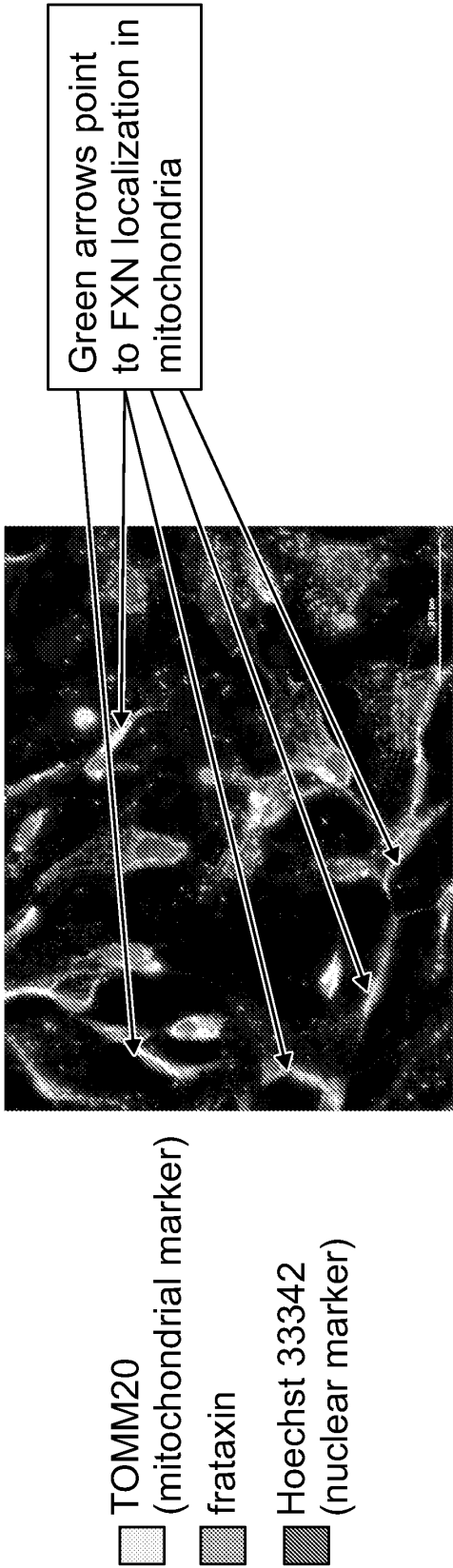


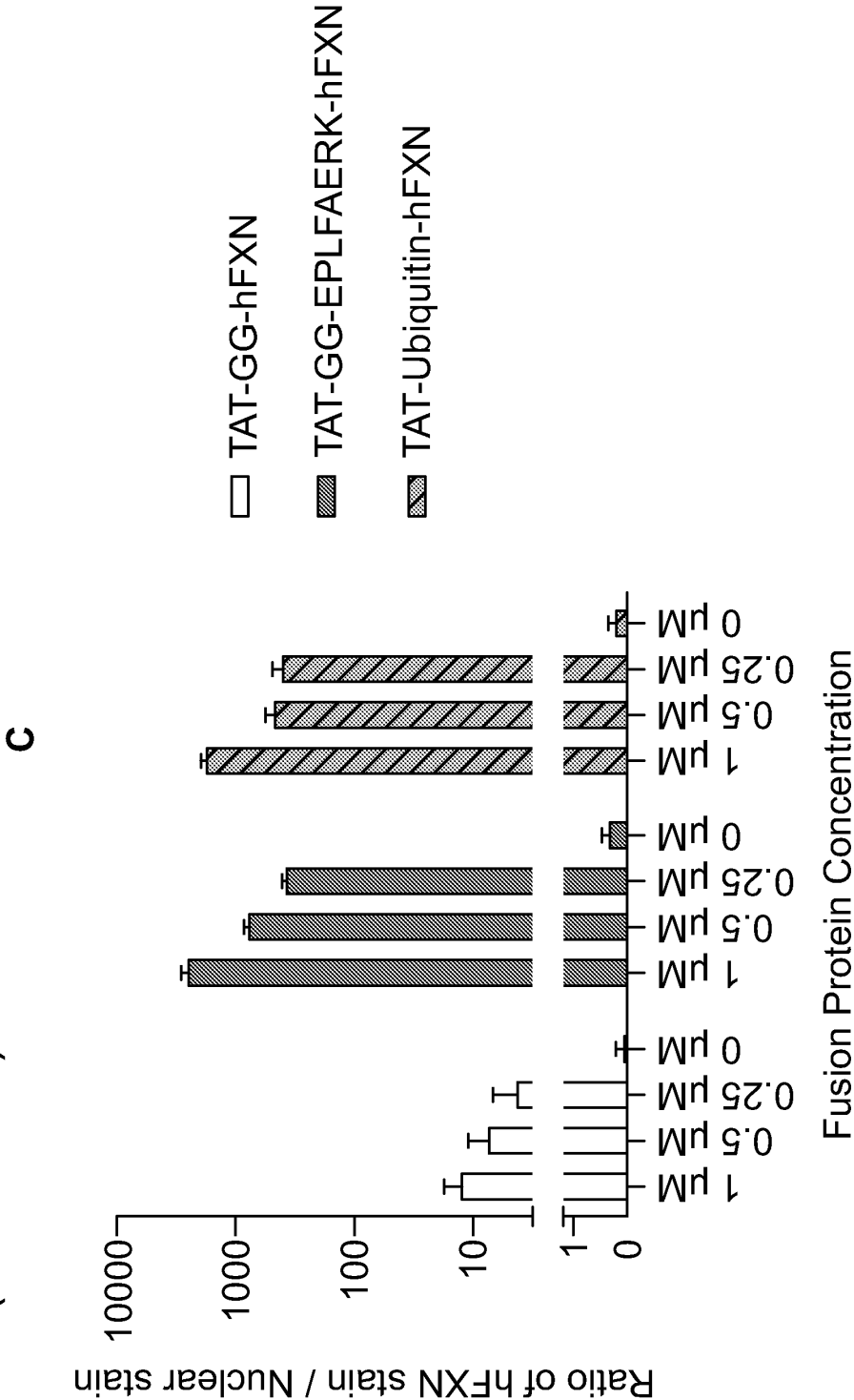
FIG. 9 (continued)

B



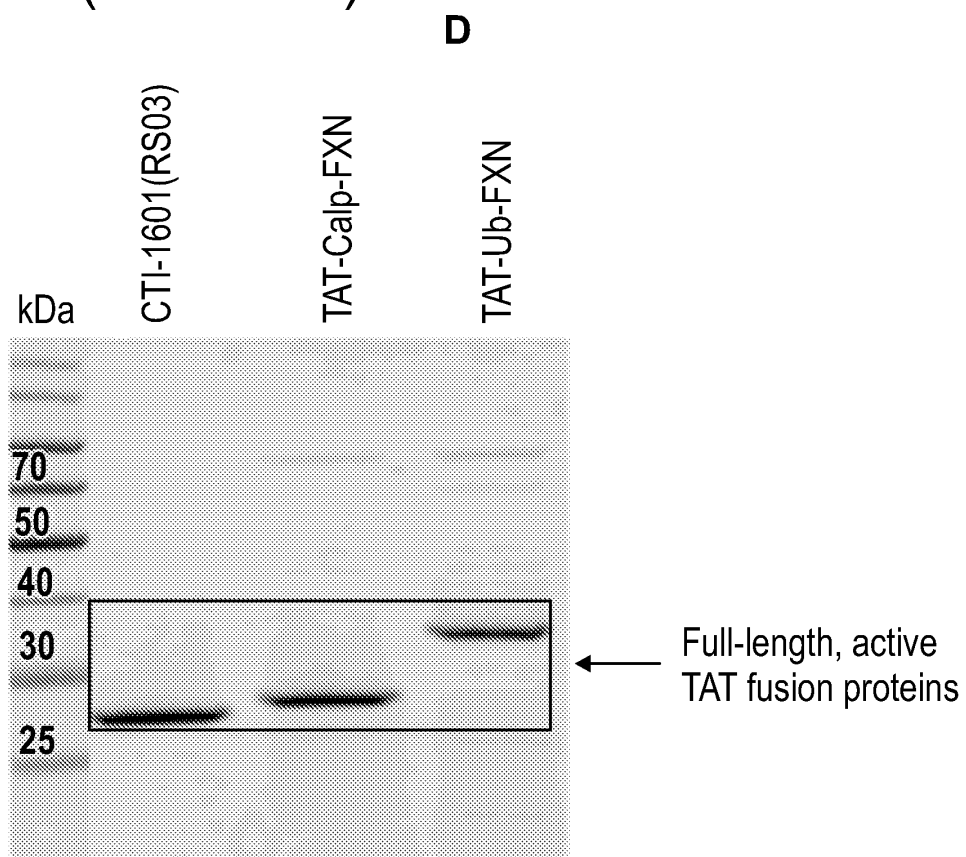
12/25

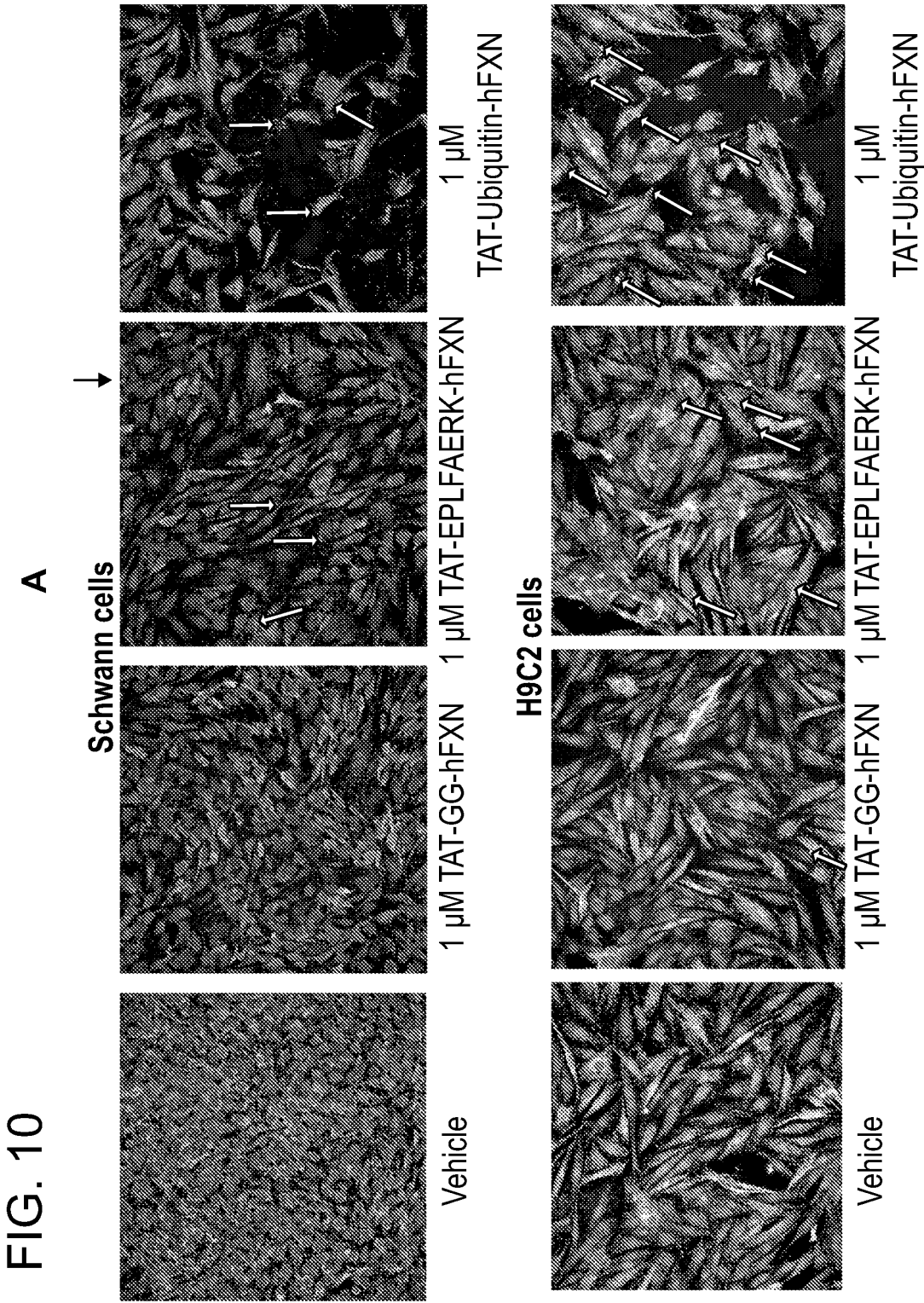
FIG. 9 (continued)



13/25

FIG. 9 (continued)





15/25

FIG. 10 (continued)

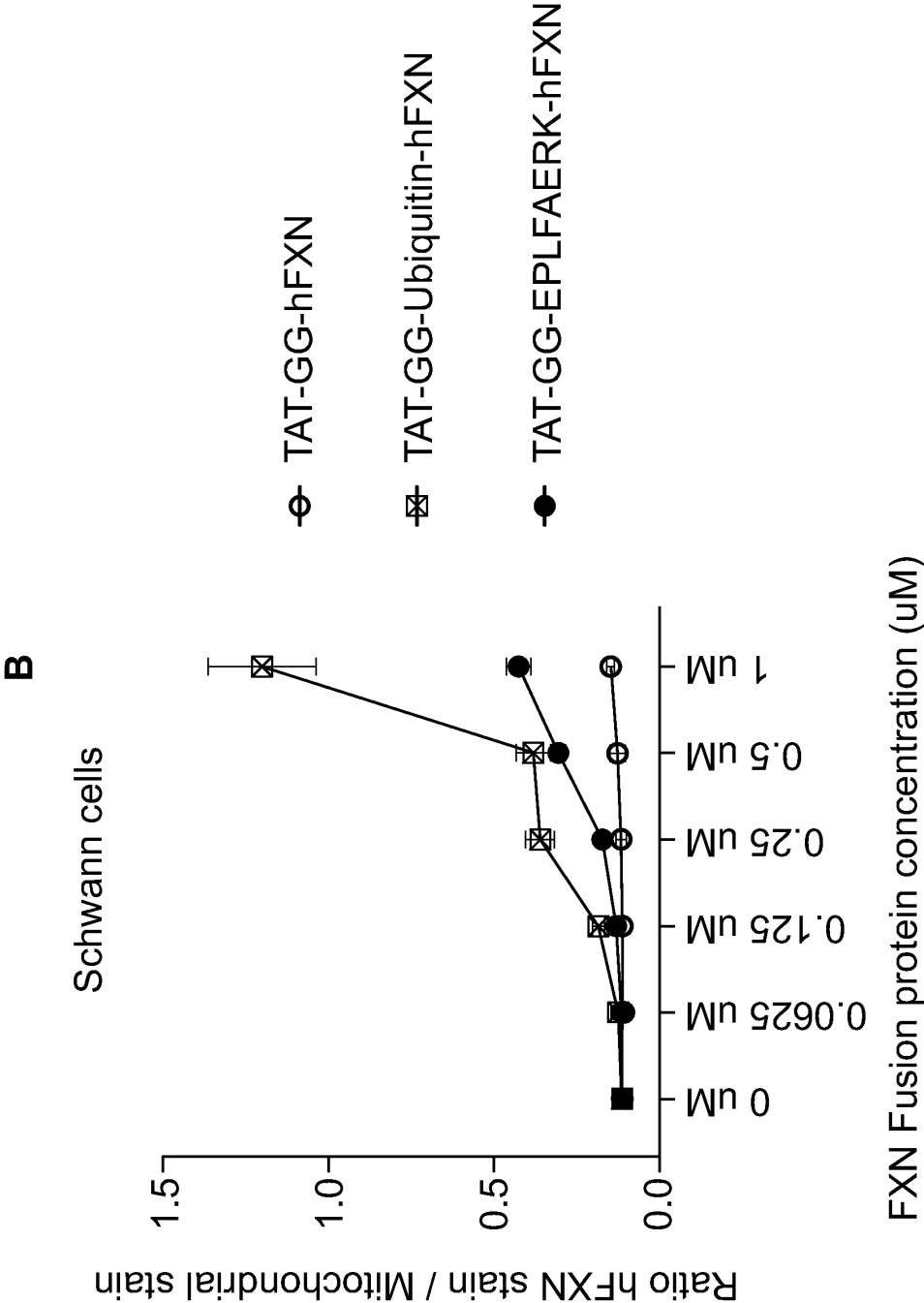


FIG. 10 (continued)

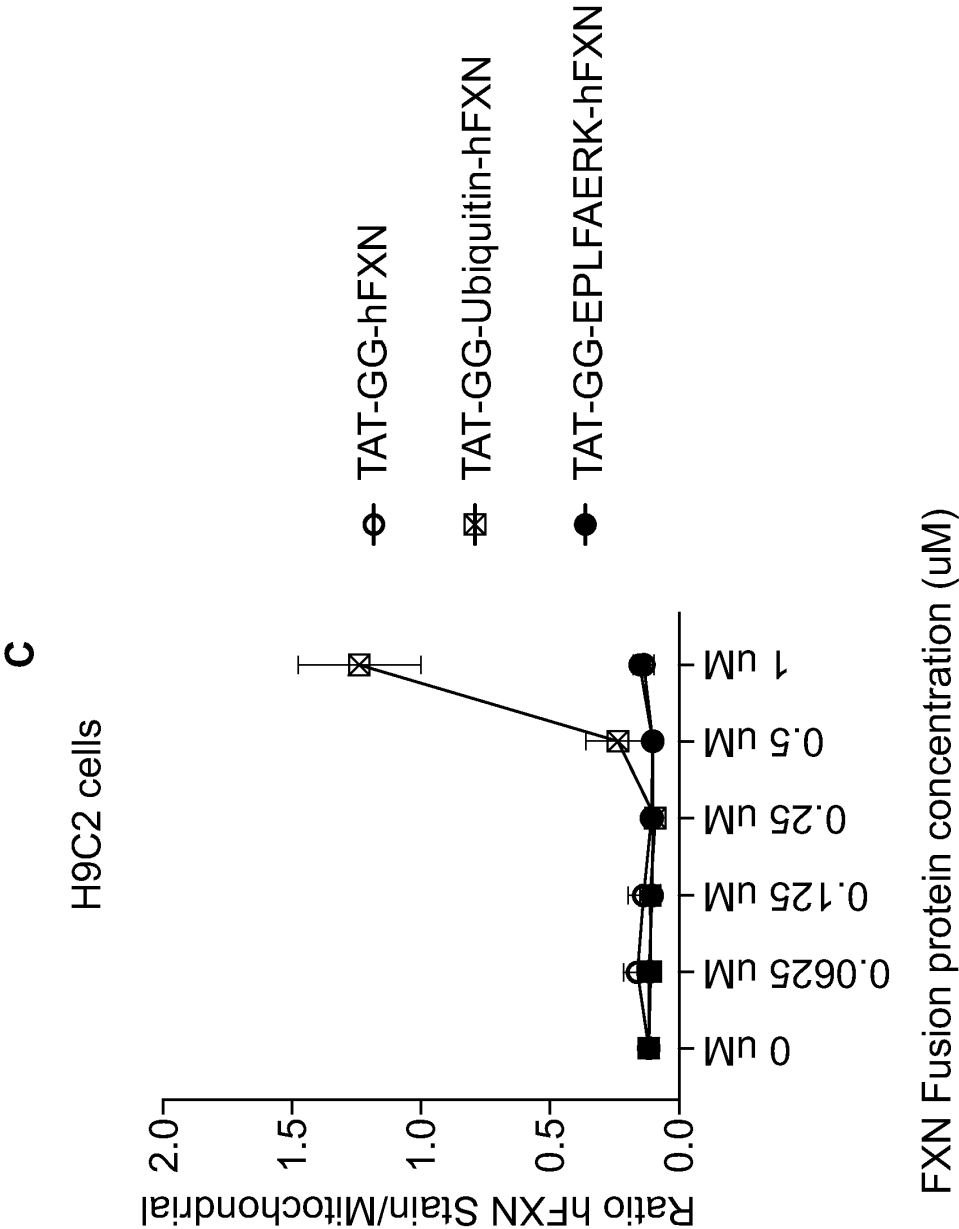
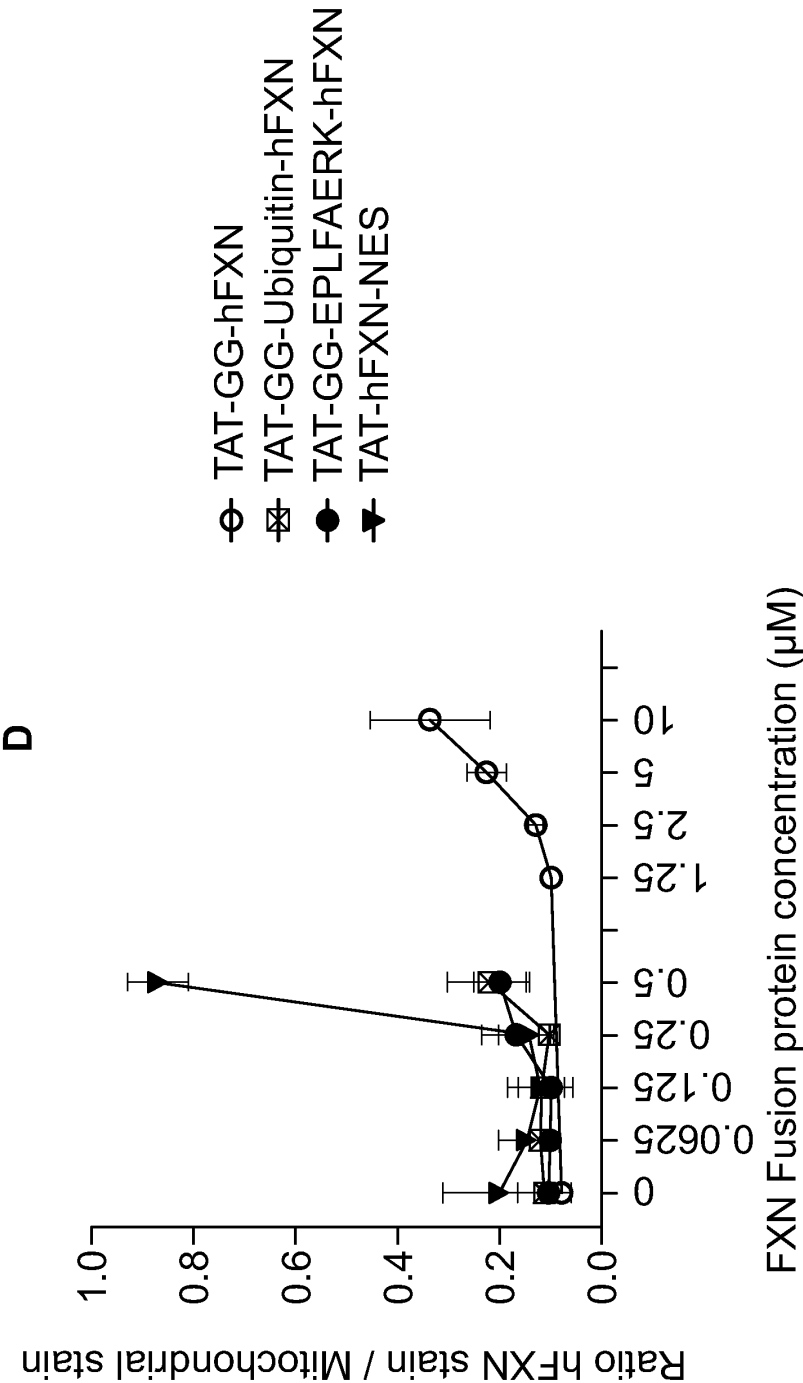


FIG. 10 (continued)



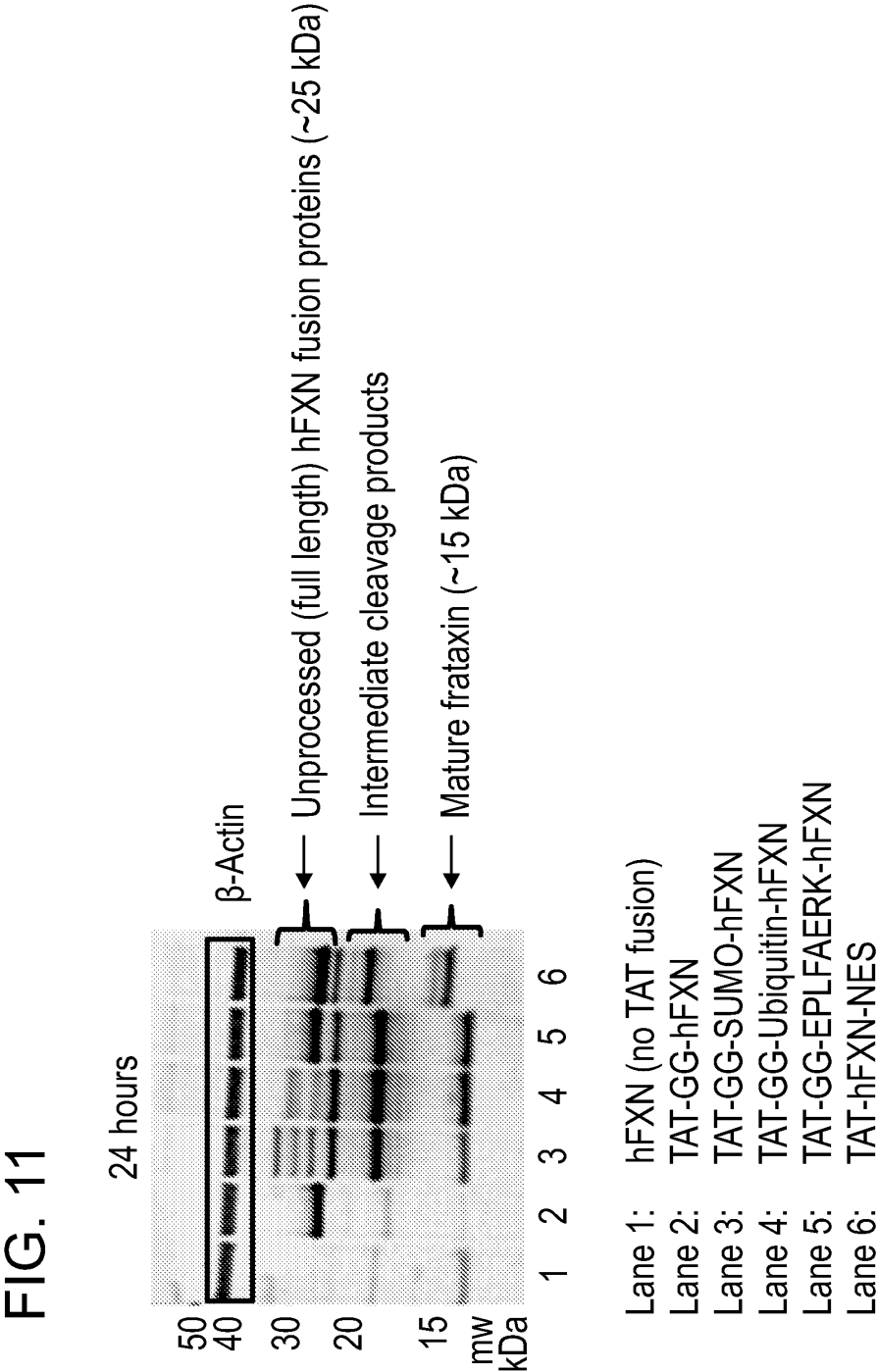


FIG. 12

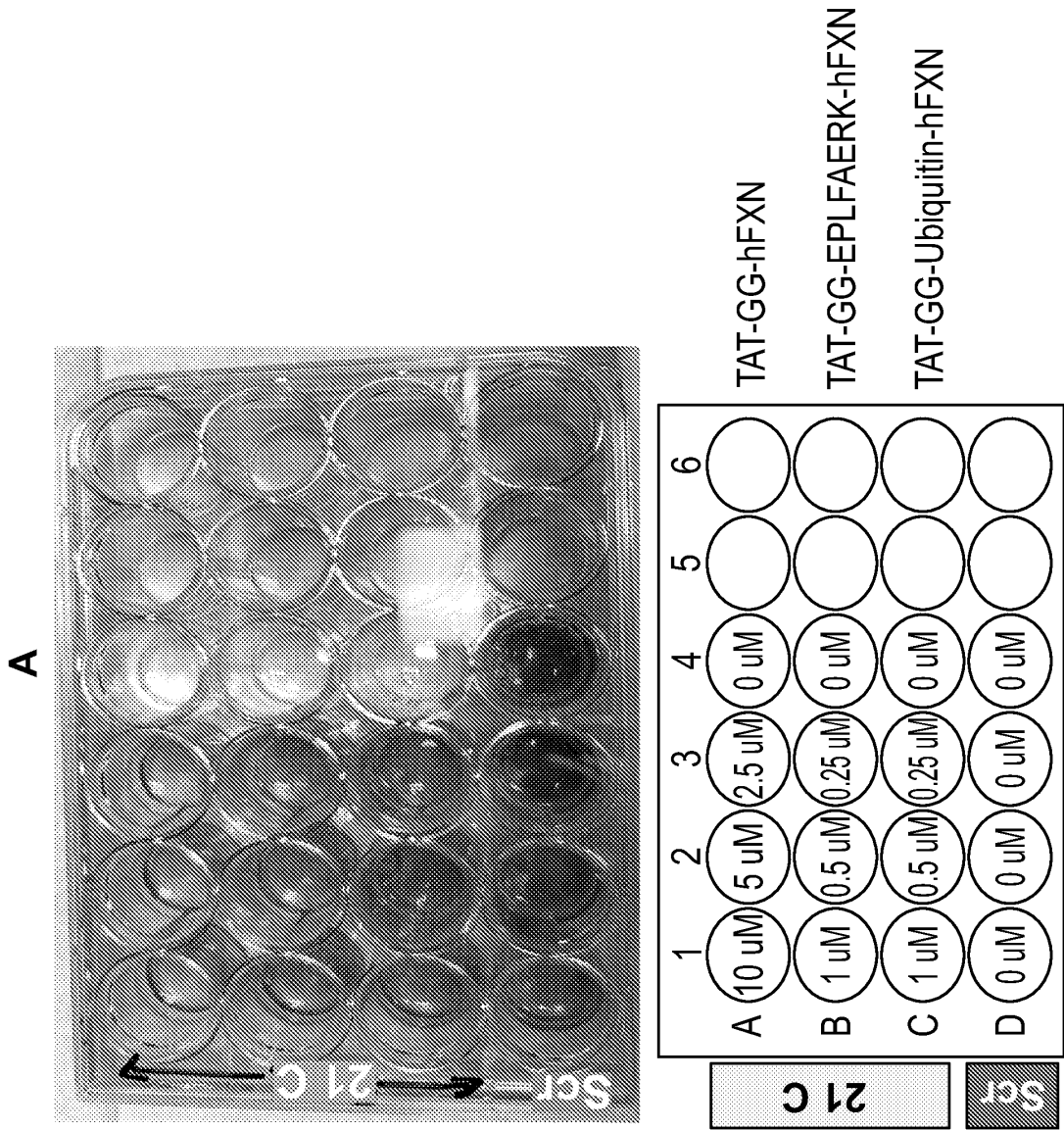


FIG. 12

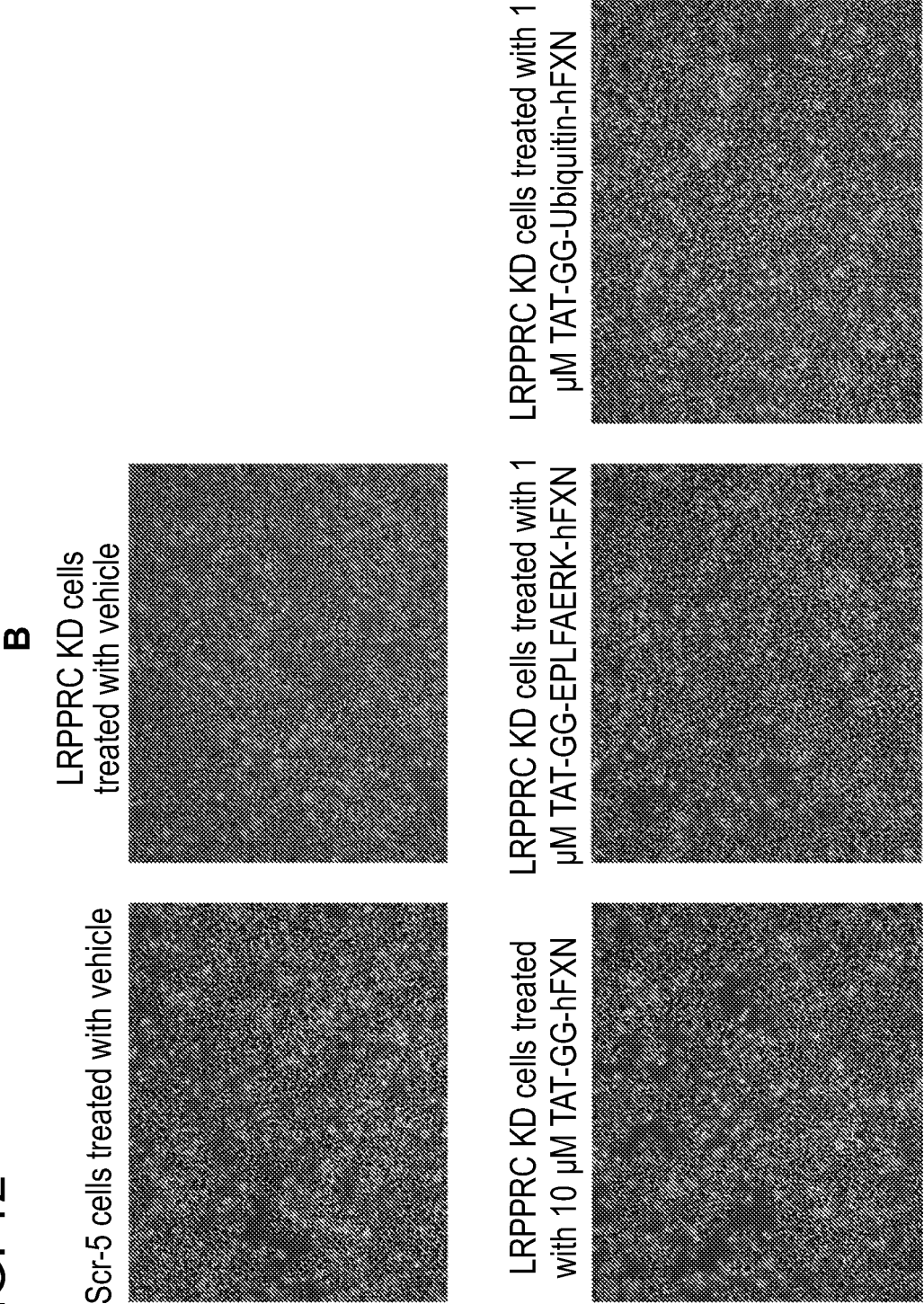
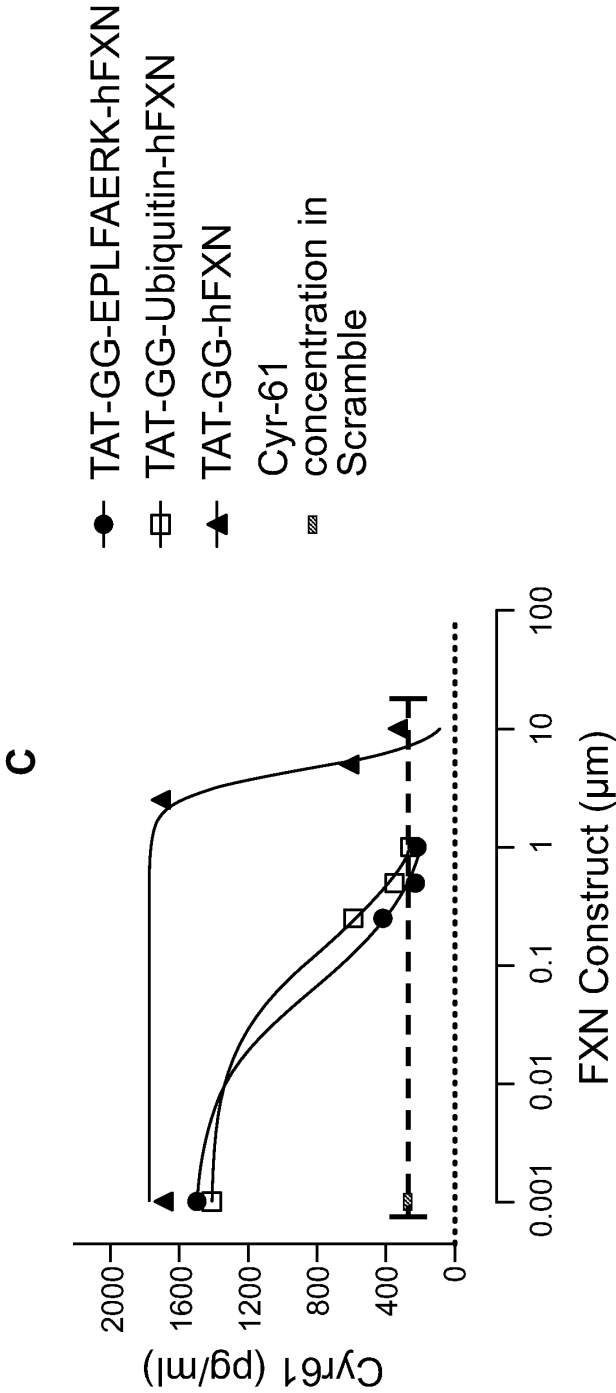


FIG. 12



	IC50 (μm)
TAT-GG-EPLFAERK-hFXN	0.133
TAT-GG-Ubiquitin-hFXN	0.165
TAT-GG-hFXN	4.13

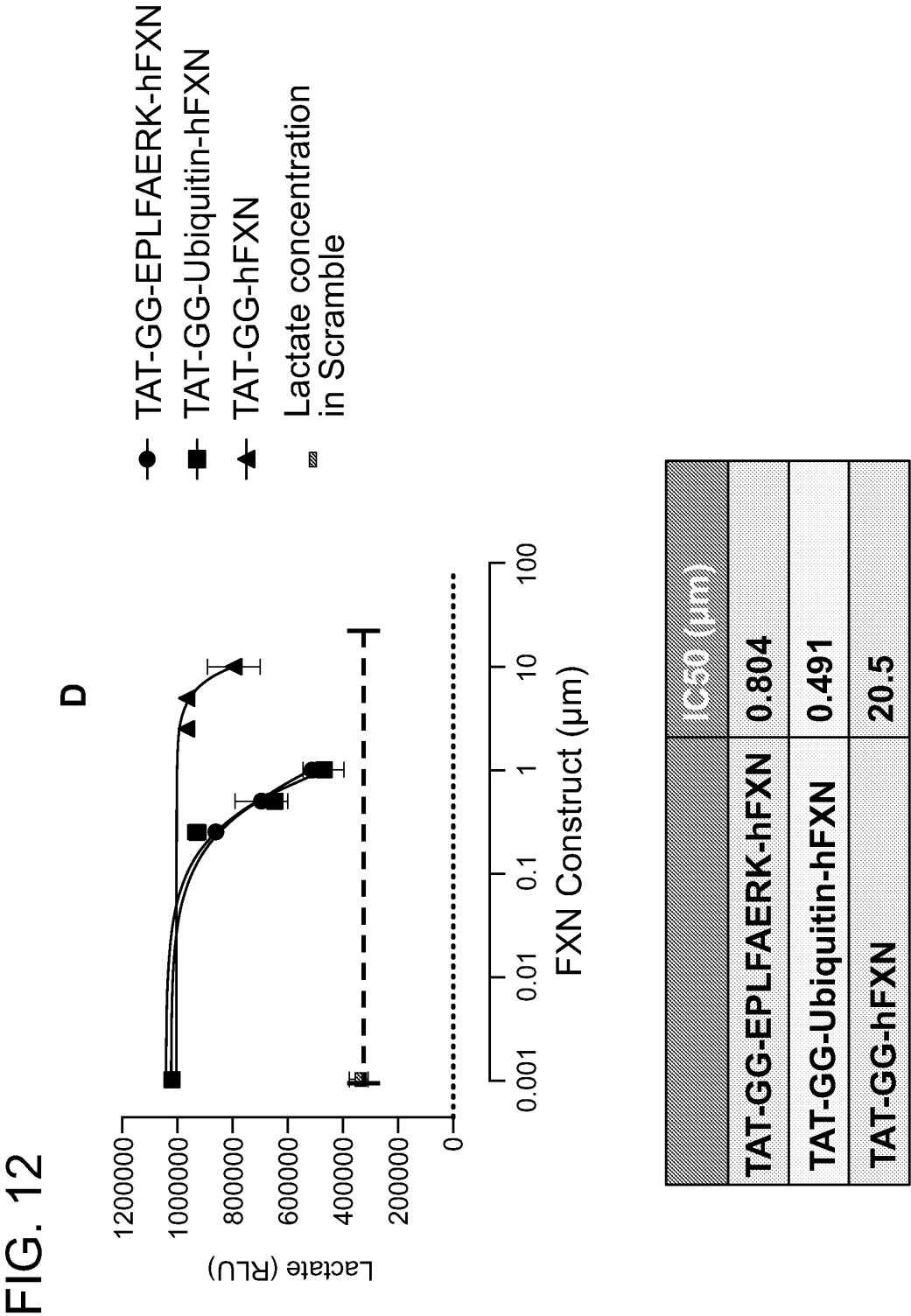
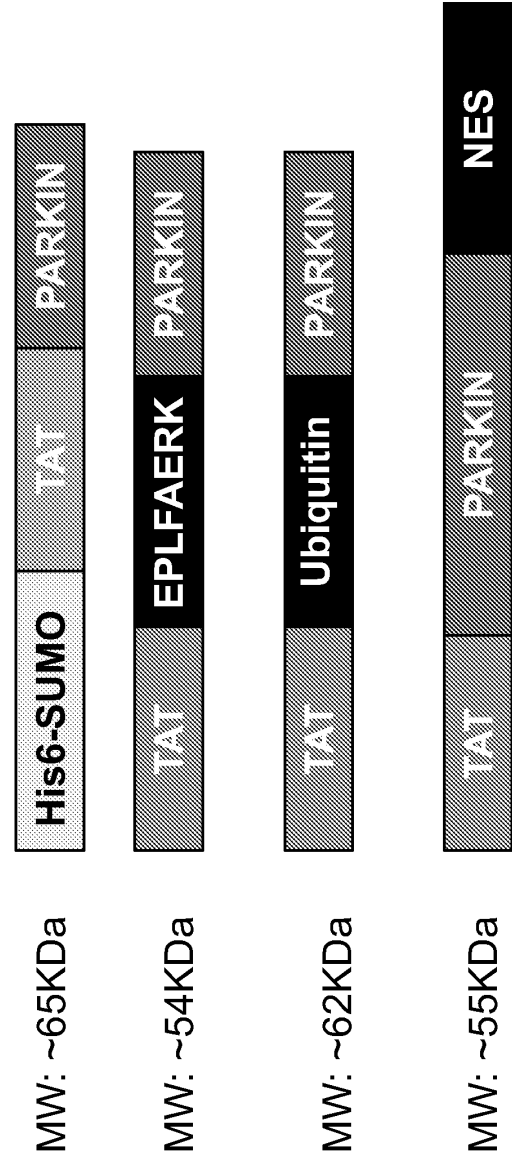
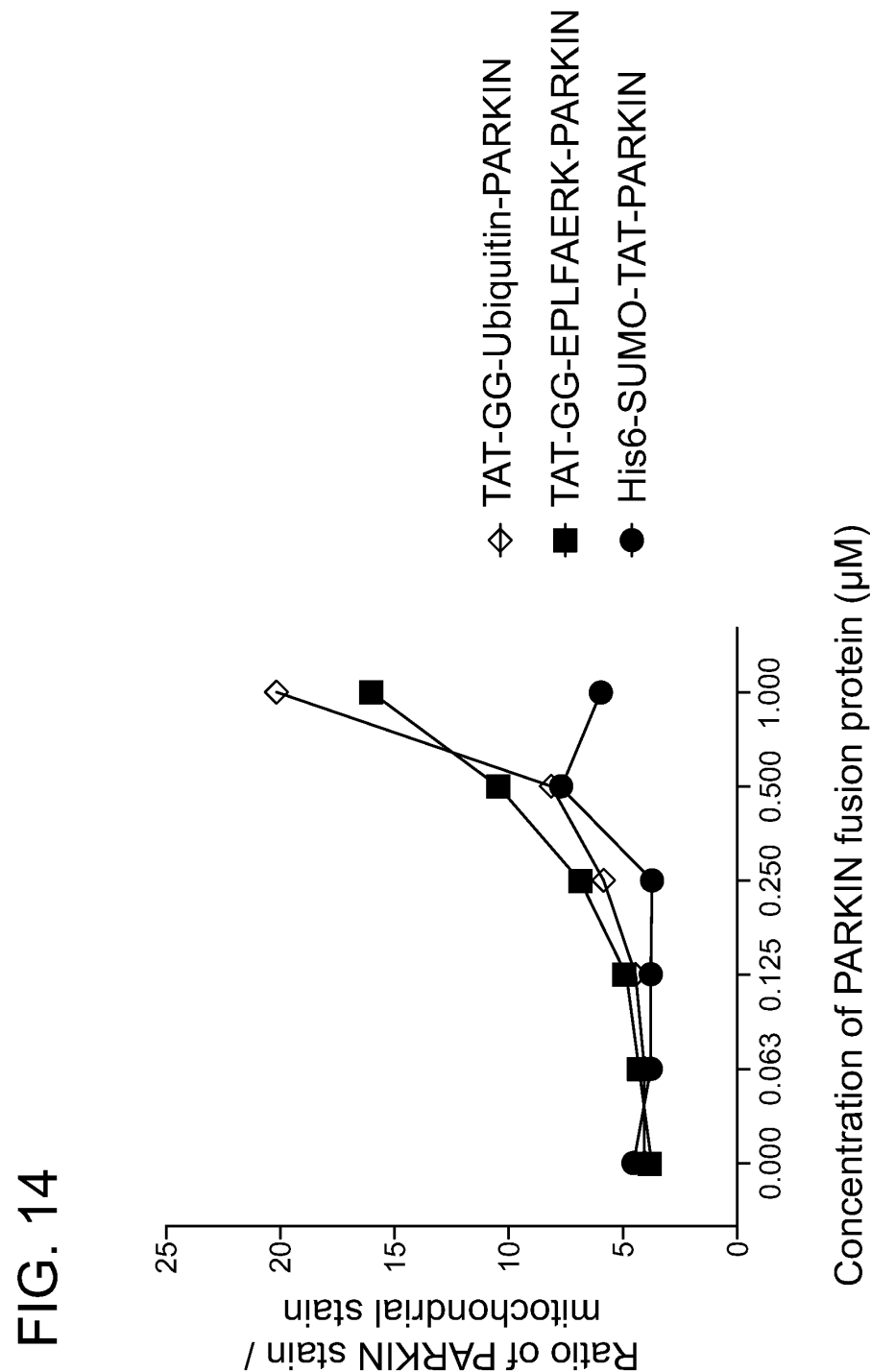


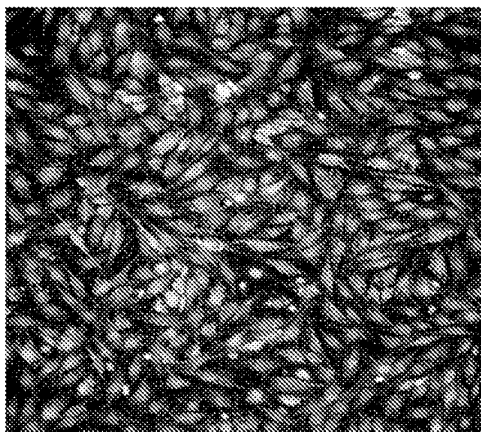
FIG. 13



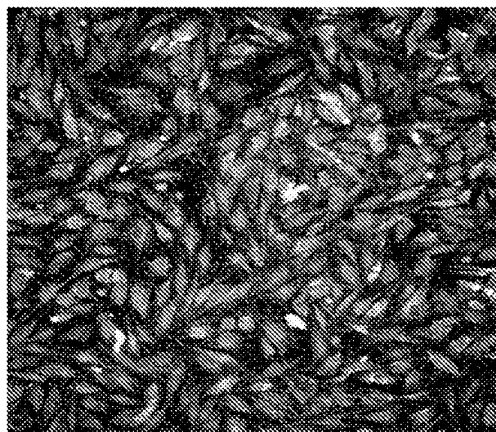
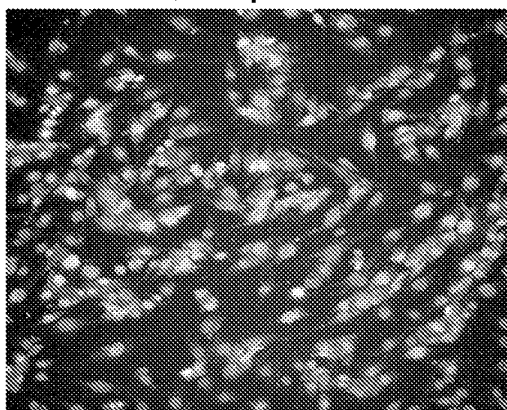


25/25

FIG. 15

10 μ M CCCP, NO PARKIN

NO CCCP, NO PARKIN

0.5 μ M TAT-EPLFAERK-
PARKIN, 10 μ M CCCP0.5 μ M TAT-EPLFAERK-
PARKIN, NO CCCP