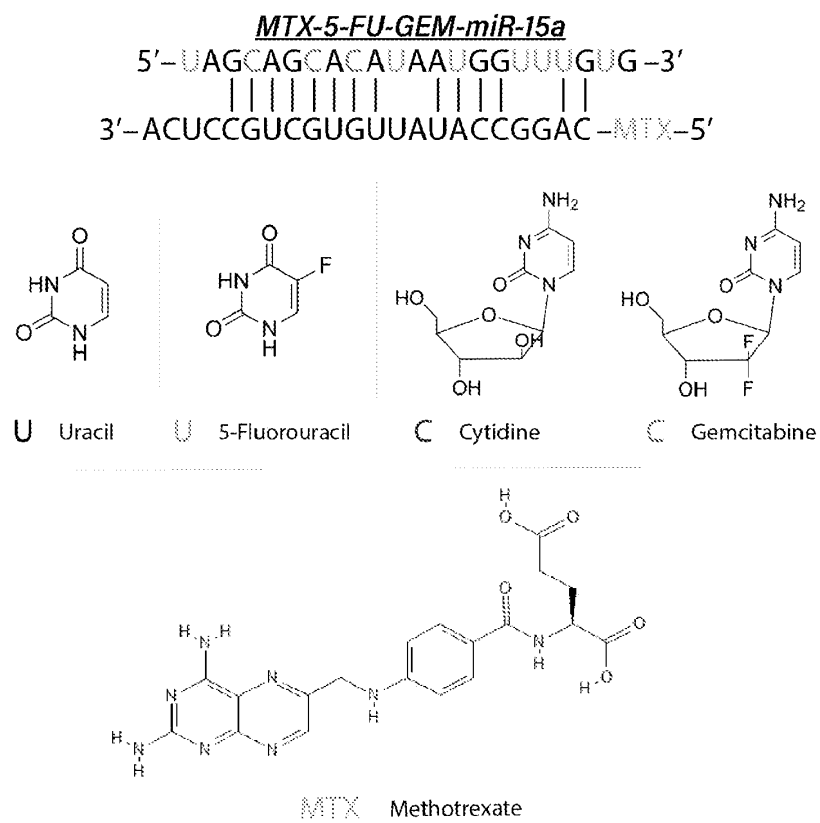
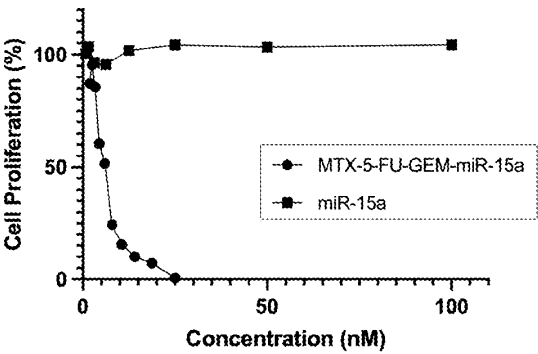
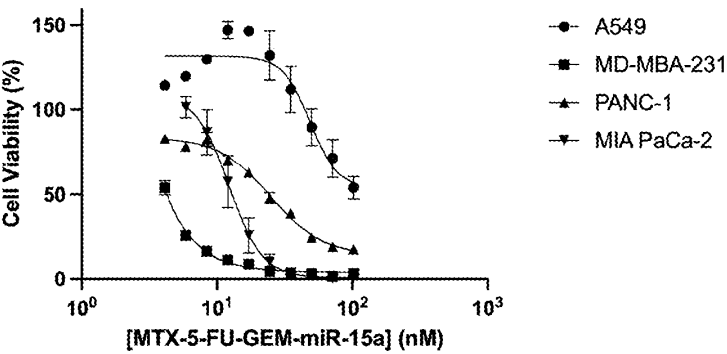


**FIG. 1**

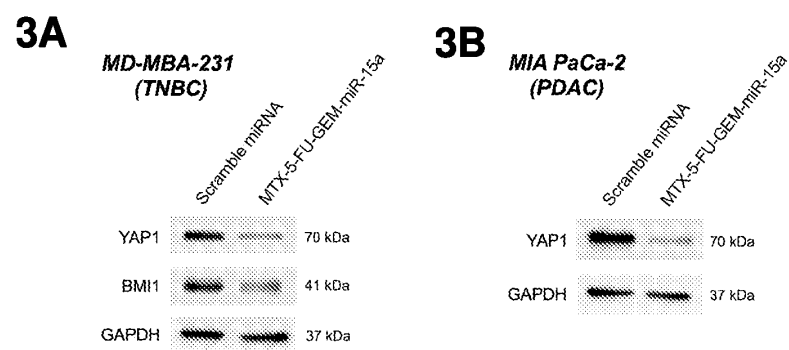
2A



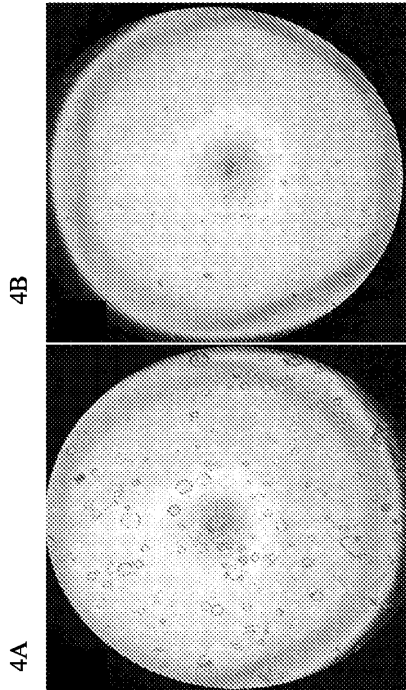
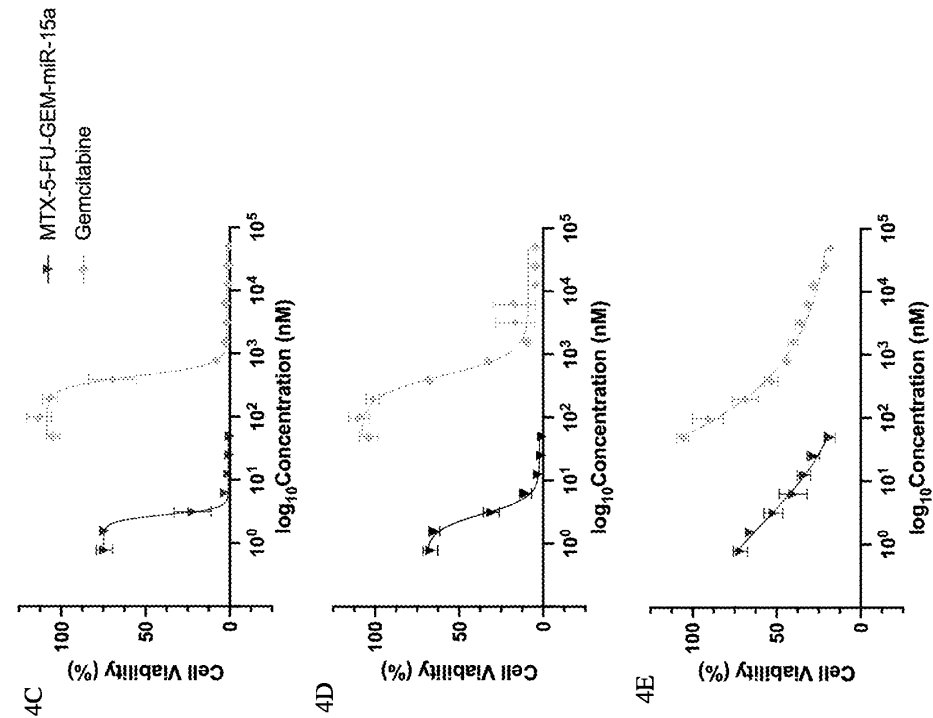
2B



FIGS. 2A-2B



FIGS. 3A-3B



	IC ₅₀ (nM)		
	hF3	hF44	hT89
MTX-5-FU-GEM-miR-15a	2.0 ± 0.2	2.0 ± 0.1	4.0 ± 0.5
Gemcitabine	929.9 ± 194.5	588.1 ± 55.9	1168.6 ± 221.3

Table 2. IC₅₀ values of MTX-5-FU-GEM-miR-15a compared to gemcitabine in PDAC organoids.

FIGS. 4A-4E

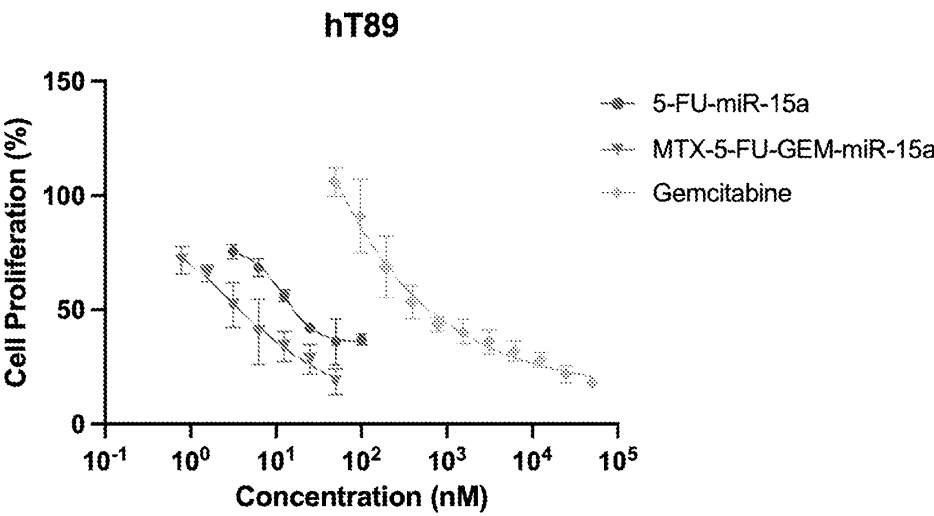
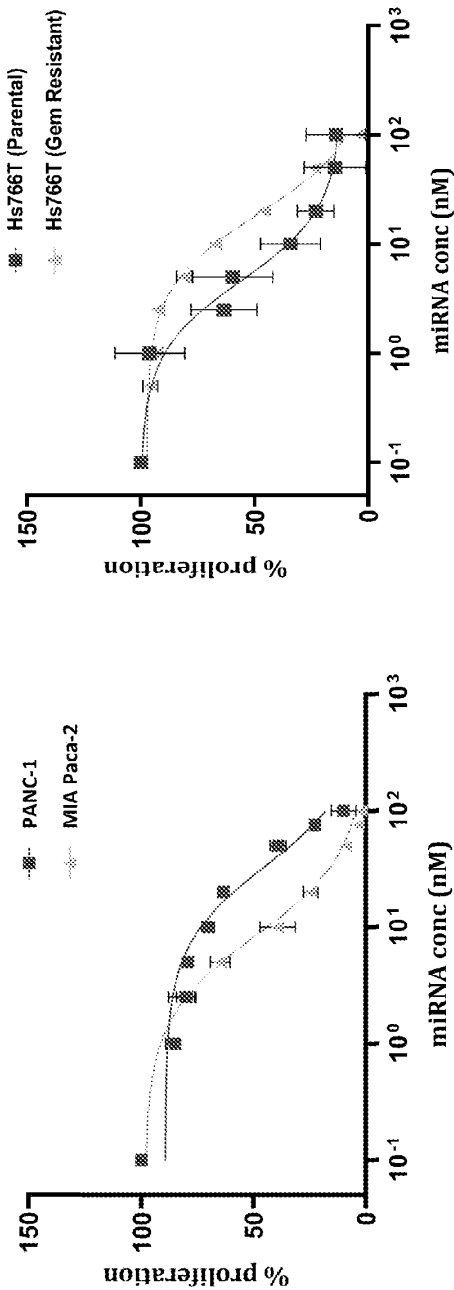


FIG. 5



Cell line	MTX-5FU-Gem- miR-15a	Gem
PANC-1	28.35 nM	~6500 nM
MIA PaCa-2	8.15 nM	
Hs 766T (Parental)	5.67 nM	~8500 nM
Hs 766T (Gem R)	17.98 nM	>50000 nM

FIG. 6

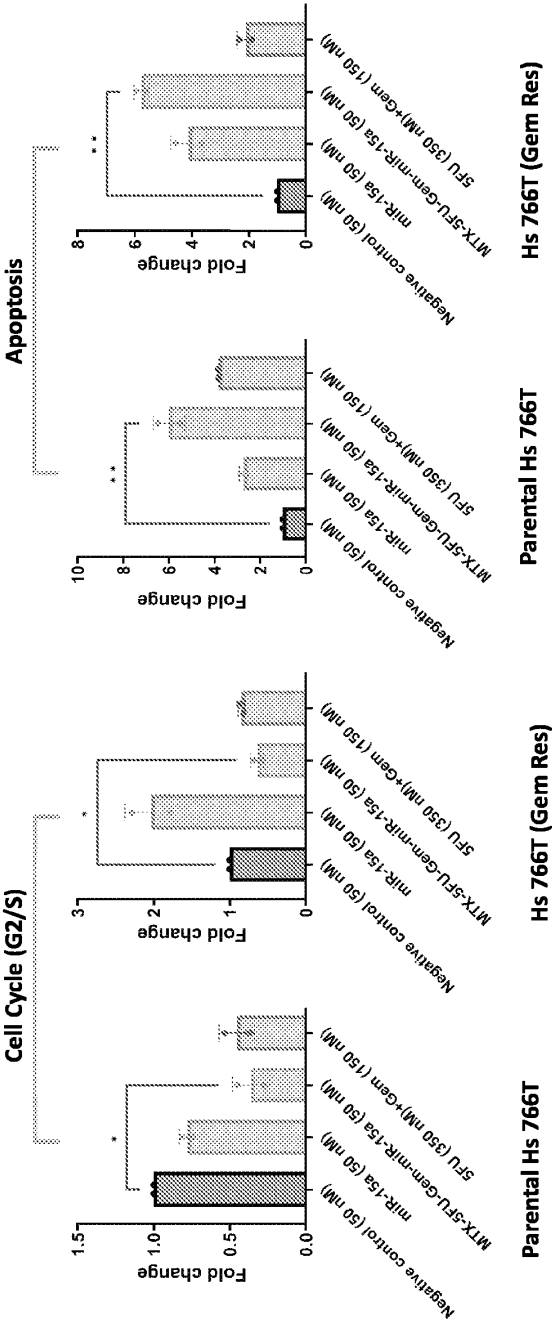


FIG. 7

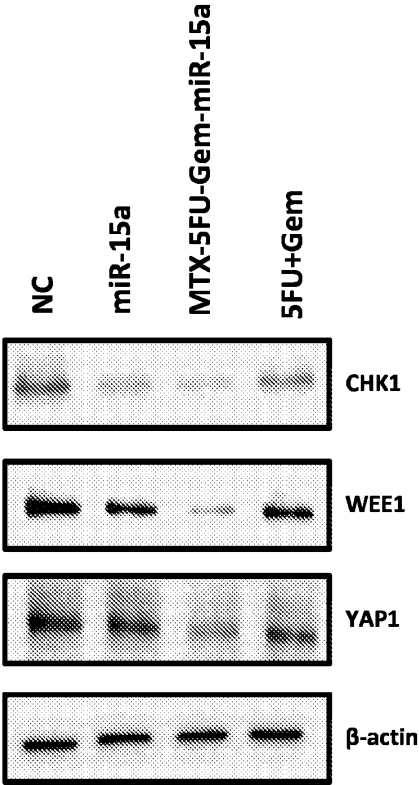
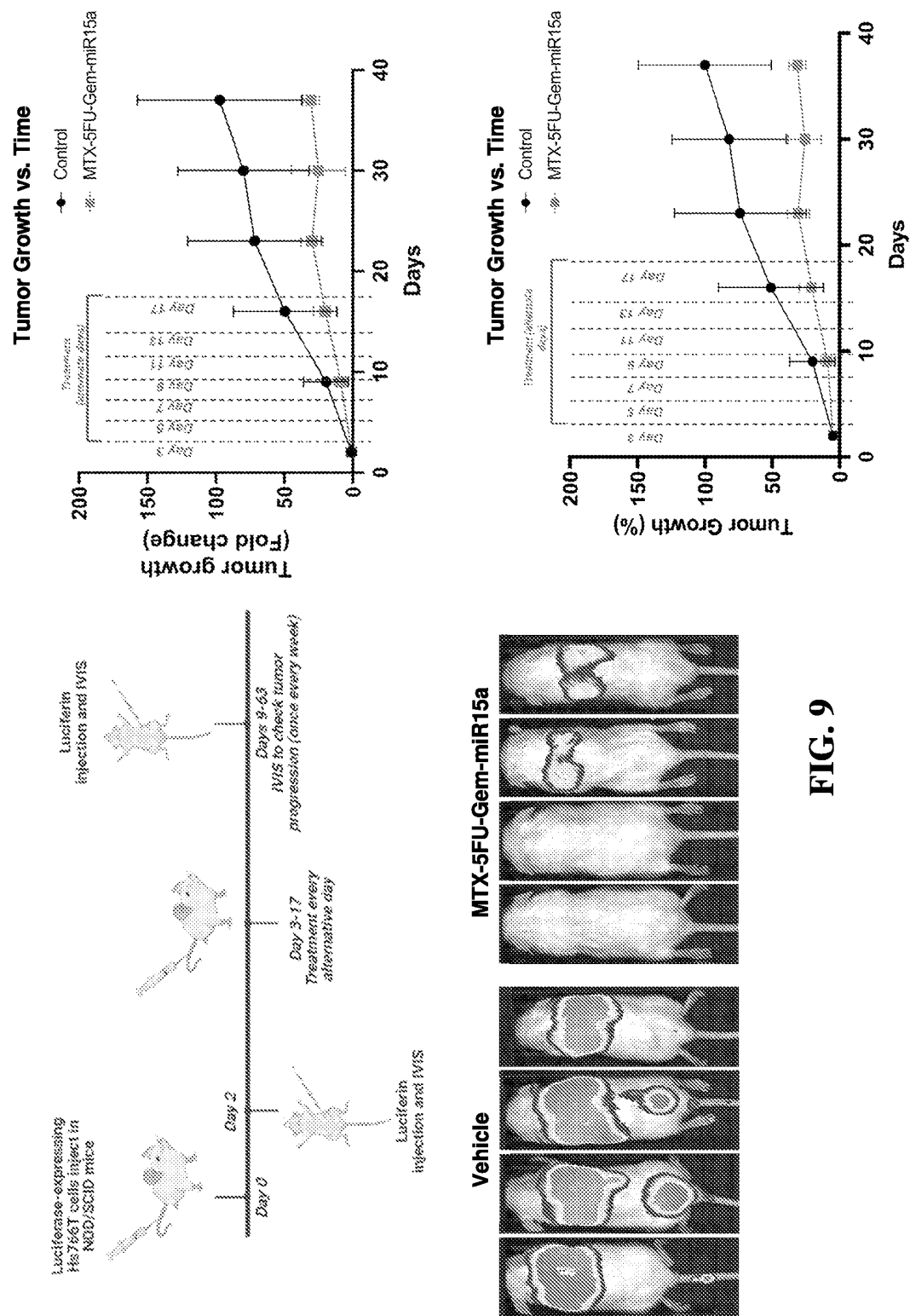


FIG. 8



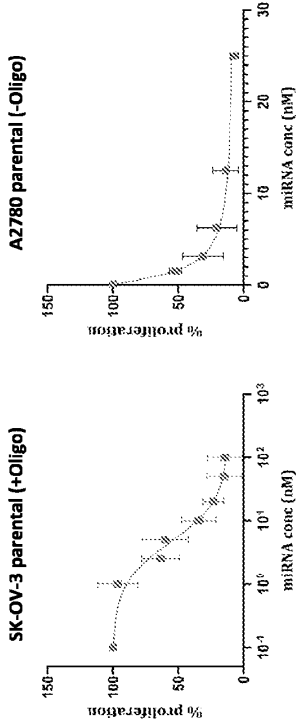
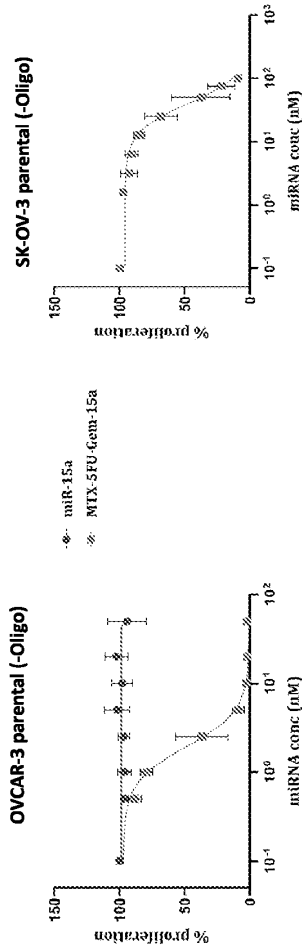
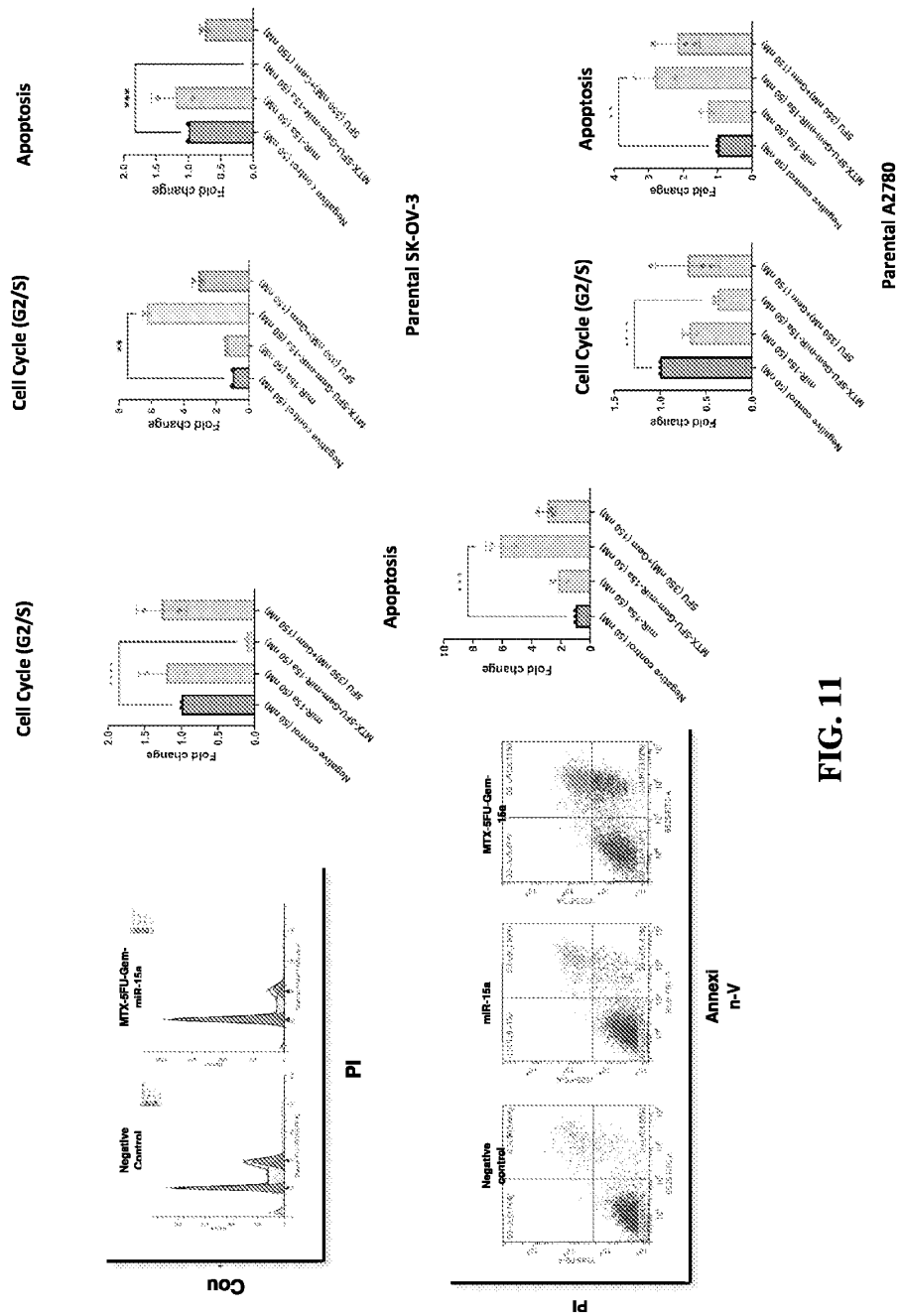


FIG. 10

Cell line	IC ₅₀ (nM)
OVCA-R-3 (Parental)	1.88
OVCA-R-3 (Olaparib Resistant)	6.5
SK-OV-3 (Parental) (-Oligo)	37.5
SK-OV-3 (Parental) (+Oligo)	5.67
A2780 (Parental) (-Oligo)	1.67



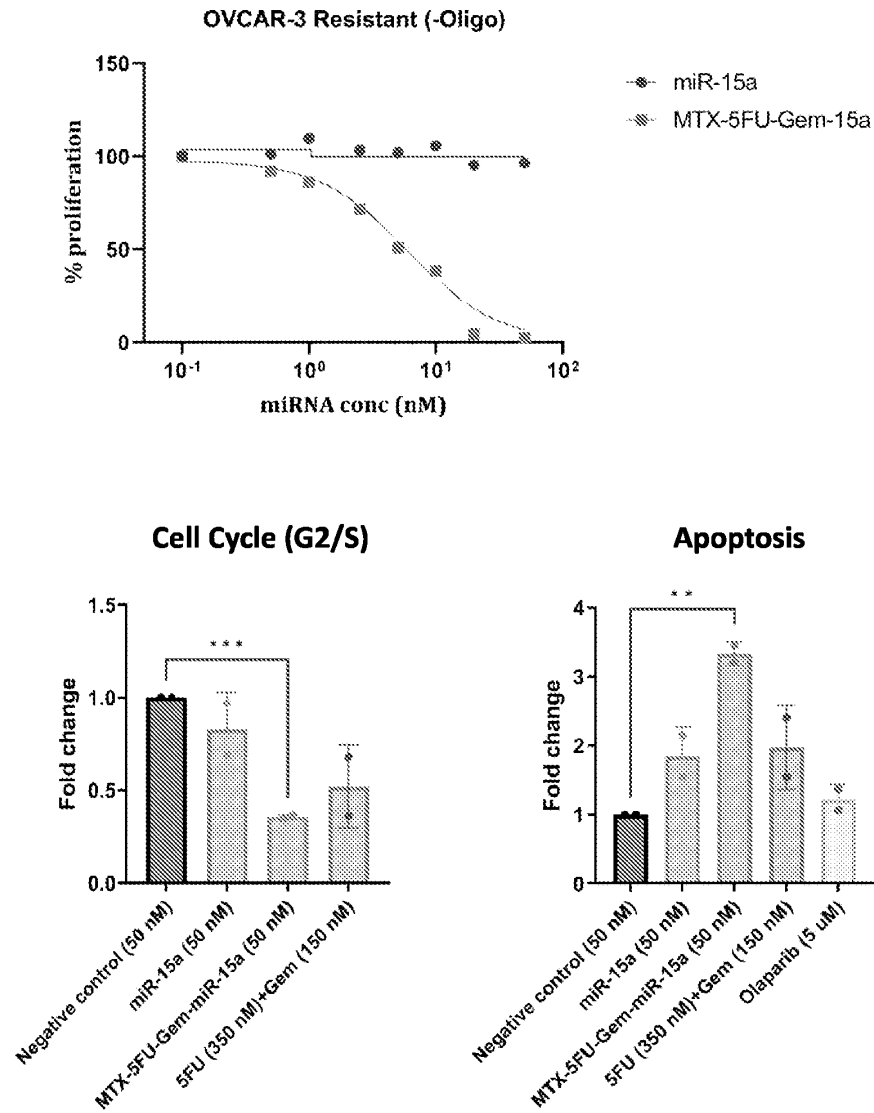


FIG. 12

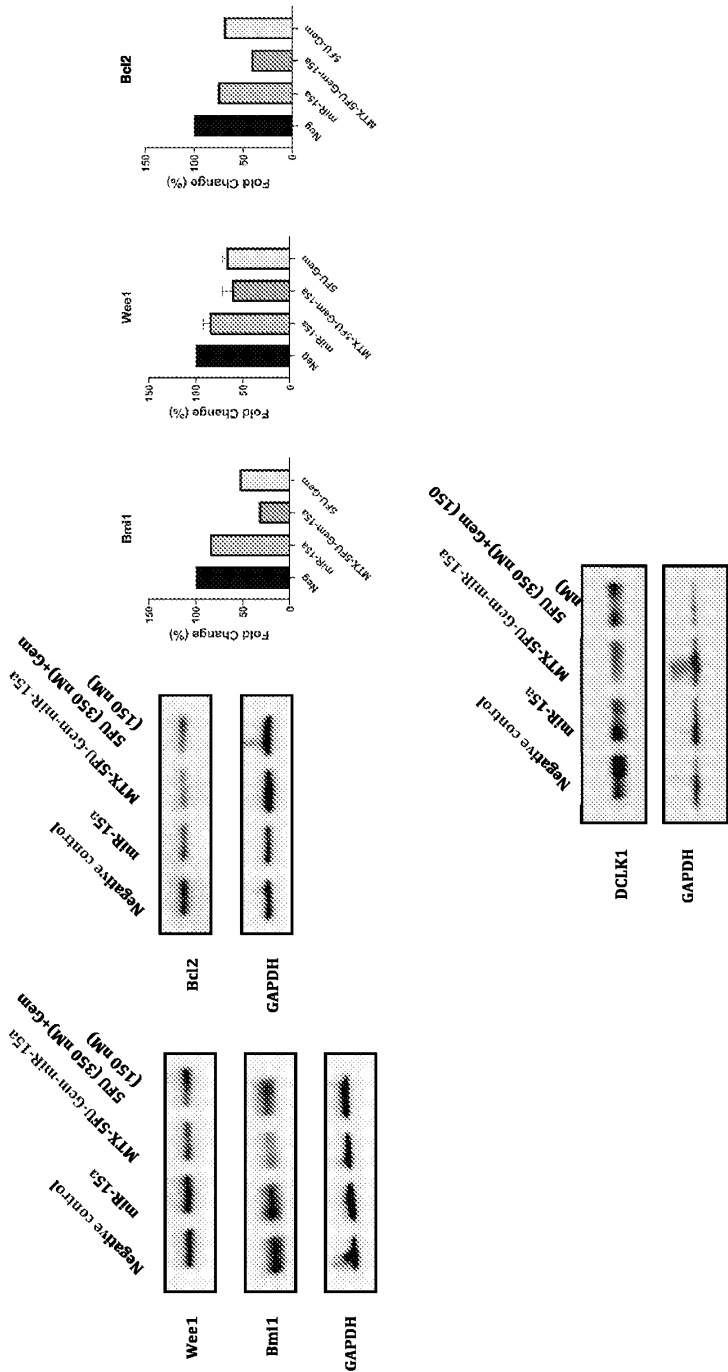


FIG. 13