

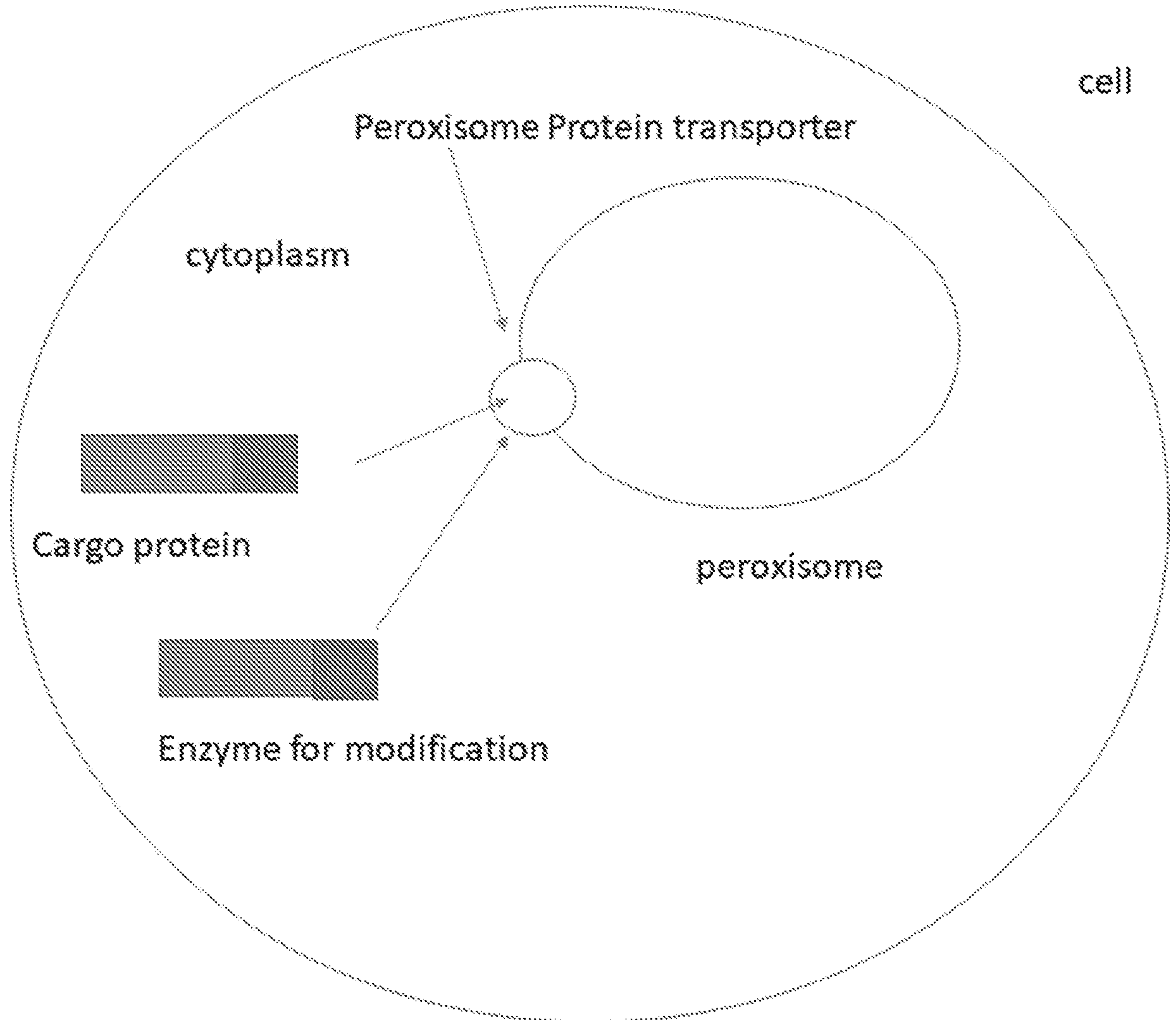


FIG. 1

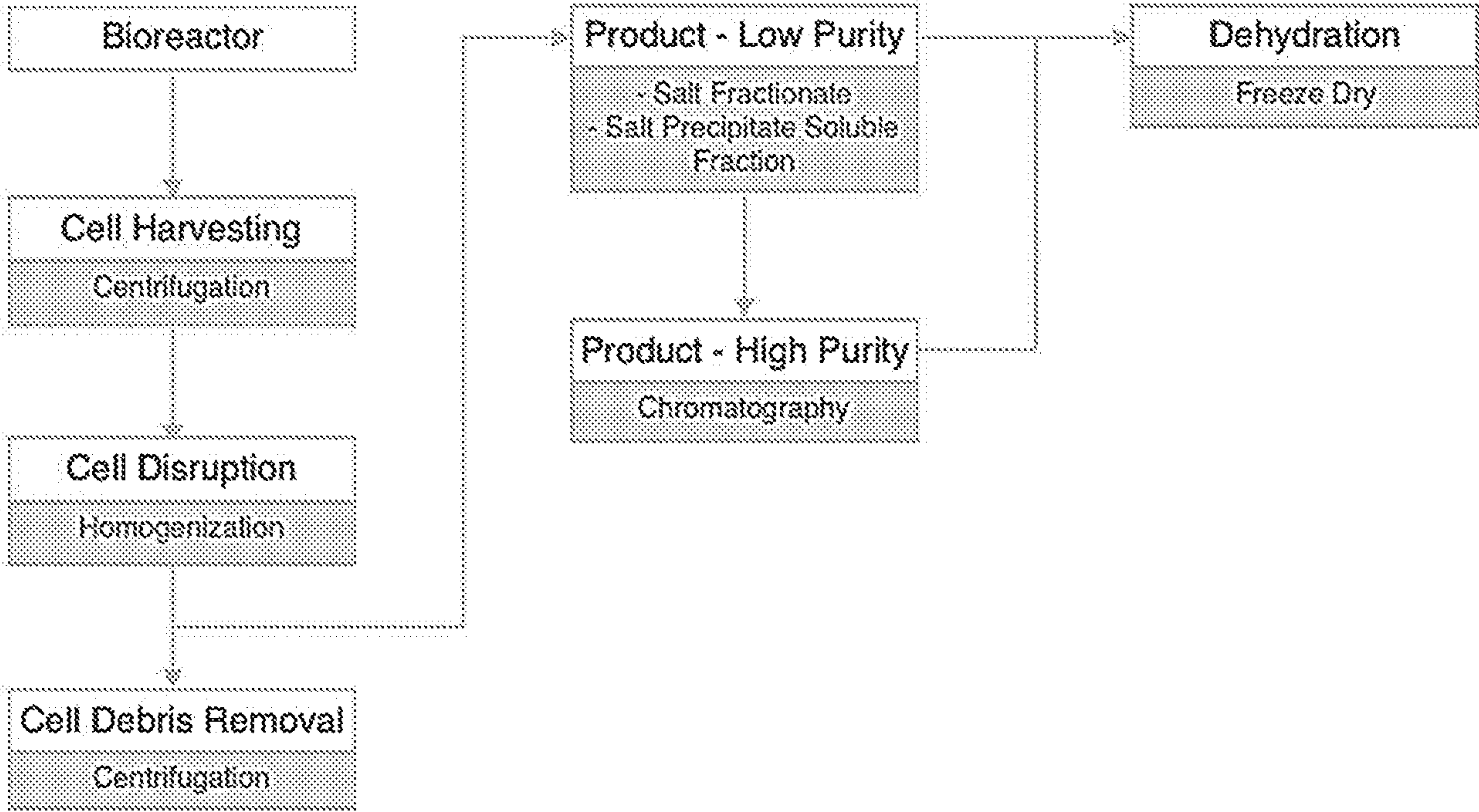


FIG. 2

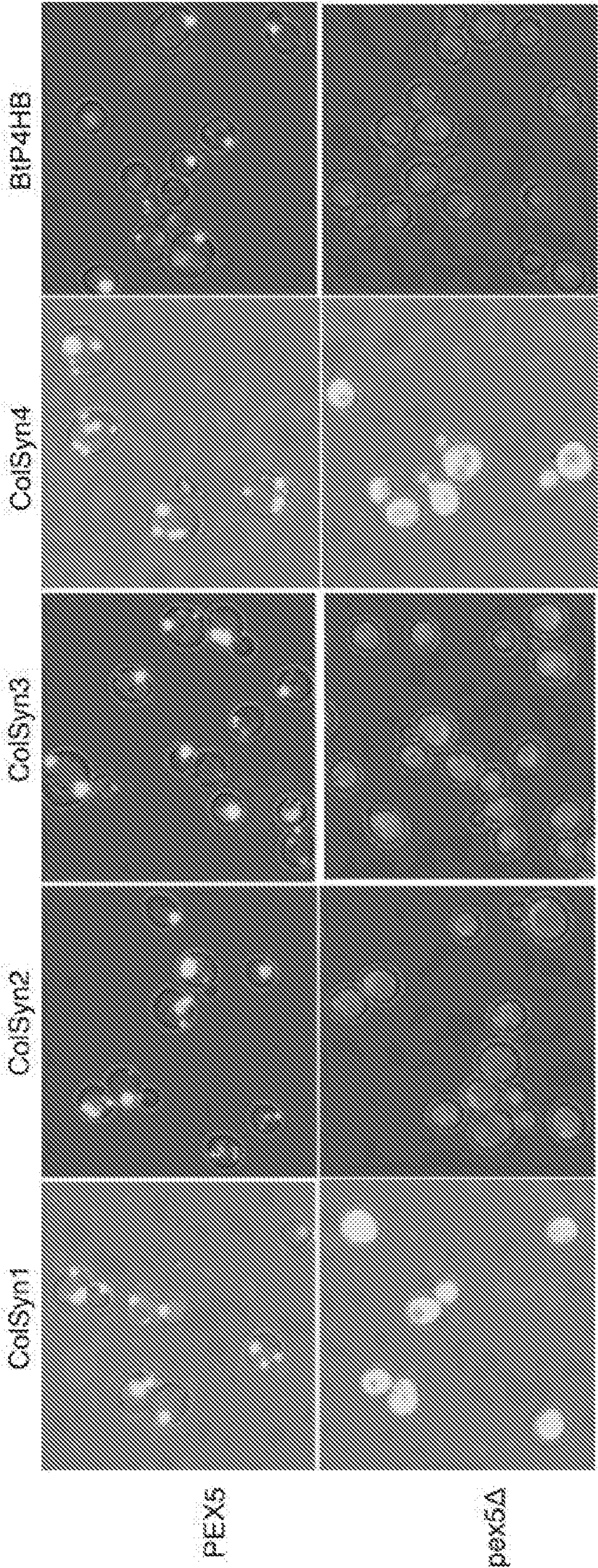


FIG. 3

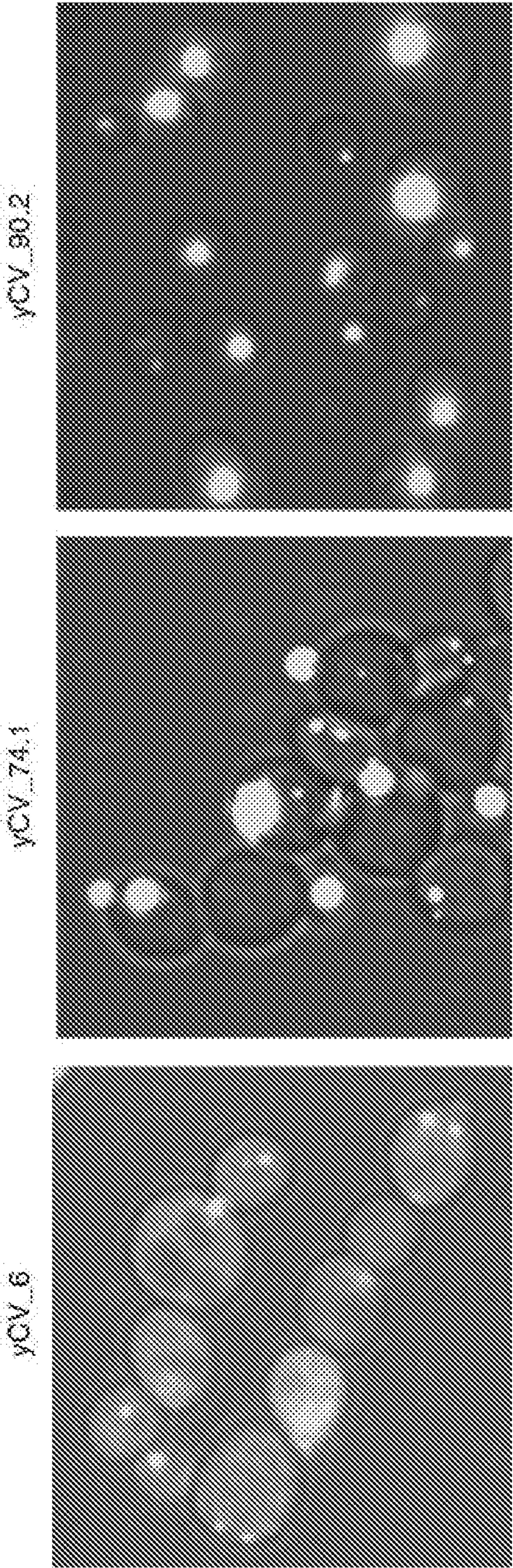


FIG. 4

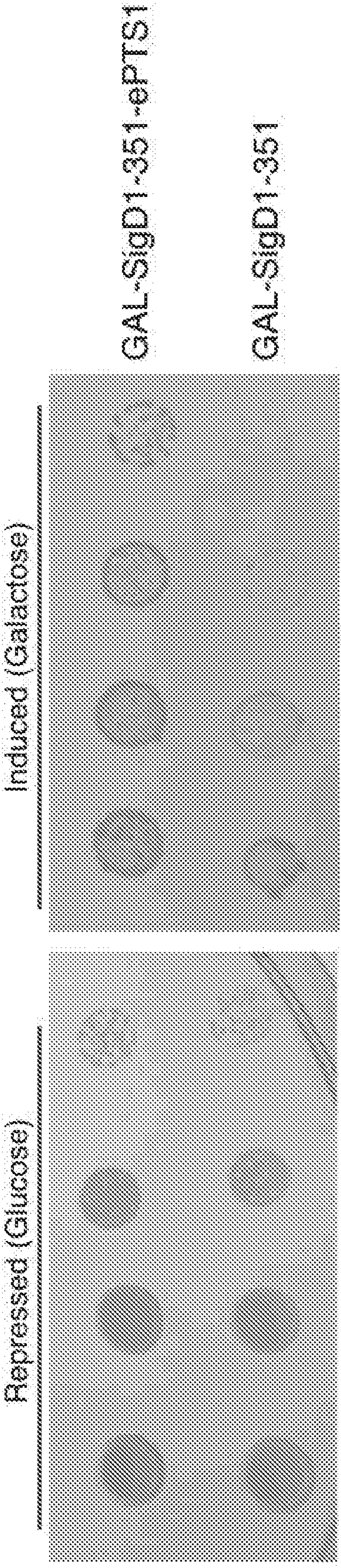


FIG. 5

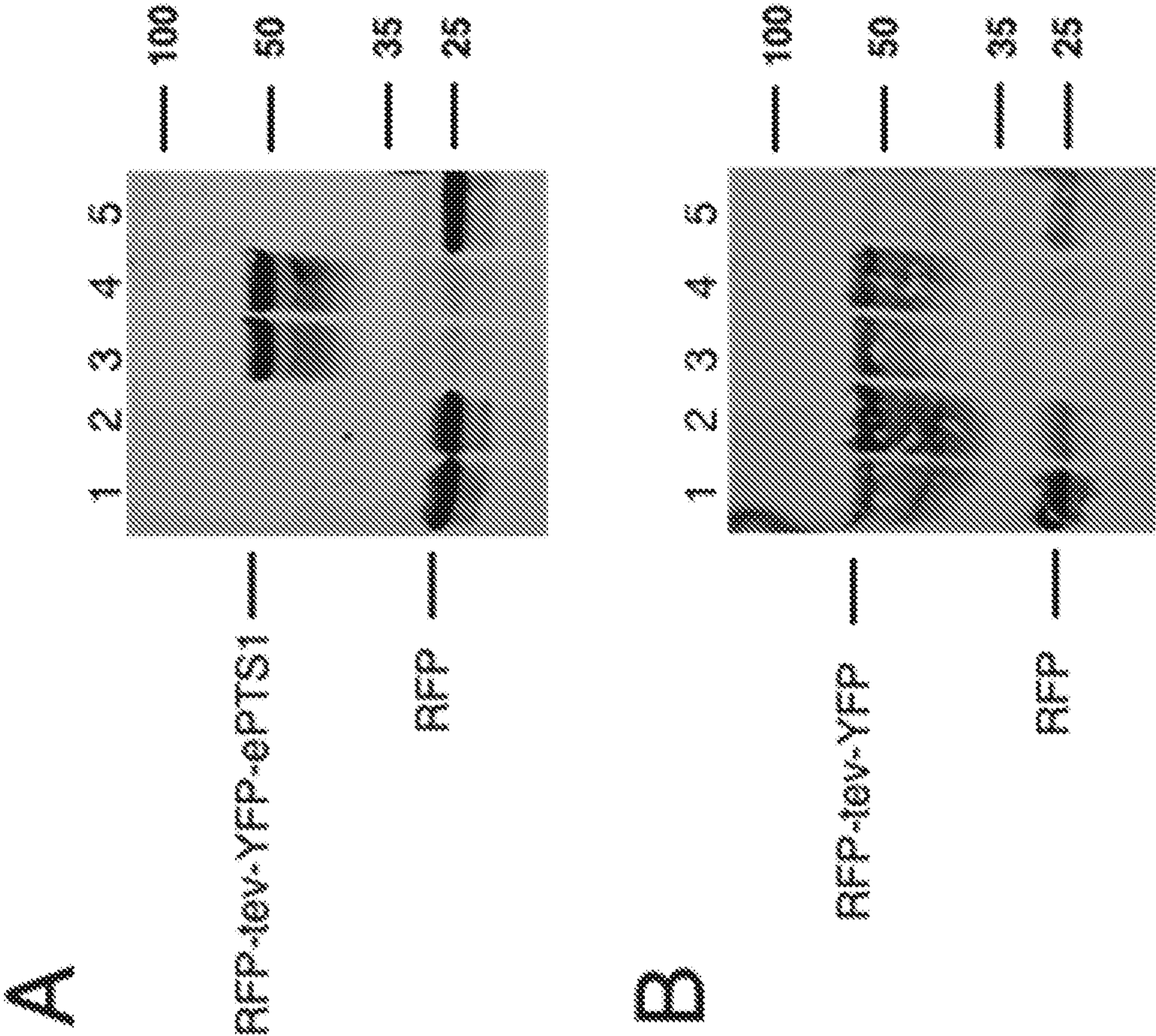
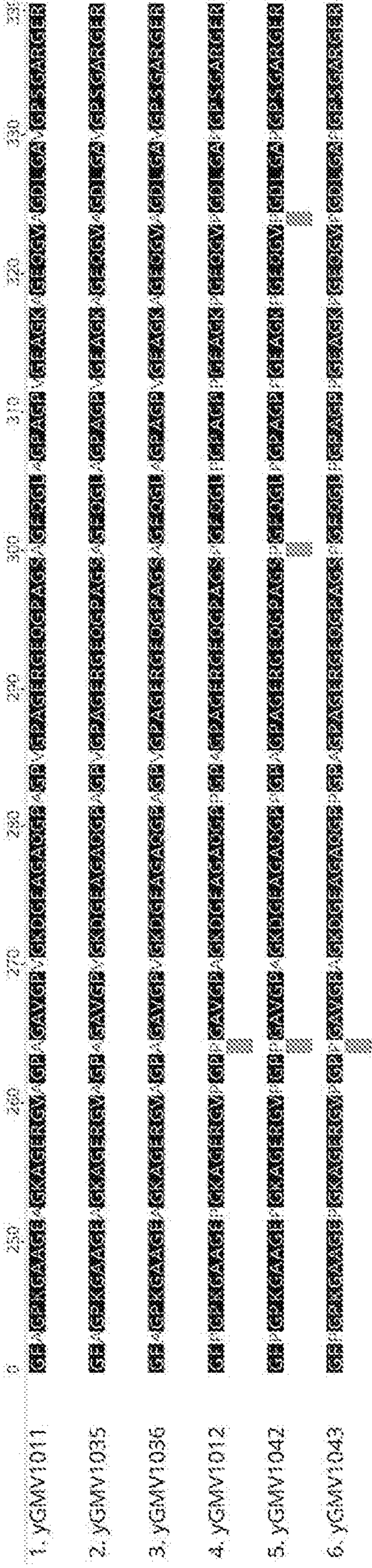


FIG. 6

A

Strain	Substrate	Enzyme
yGMV1011	GFP-BiCol1A1 403-0P_ePTS1	-
yGMV1035	GFP-BiCol1A1 403-0P_ePTS1	FLAG-BiP4H-ePTS1
yGMV1036	GFP-BiCol1A1 403-0P_ePTS1	FLAG-BiP4H
yGMV1012	GFP-BiCol1A1 403-11P_ePTS1	-
yGMV1042	GFP-BiCol1A1 403-11P_ePTS1	FLAG-BiP4H-ePTS1
yGMV1043	GFP-BiCol1A1 403-11P_ePTS1	FLAG-BiP4H

B



C

Site	Modification	Best Score	Localization Probability	Modified SpC / Total SpC 1012	Modified SpC / Total SpC 1042	Modified SpC / Total SpC 1043
p264	Oxidation	39.42	0.999962	1 / 38	4 / 33	2 / 42
p300	Oxidation	13.74	0.83101	0 / 13	1 / 14	0 / 13
p324	Oxidation	13.85	0.923642	0 / 14	1 / 19	0 / 15

FIG. 7

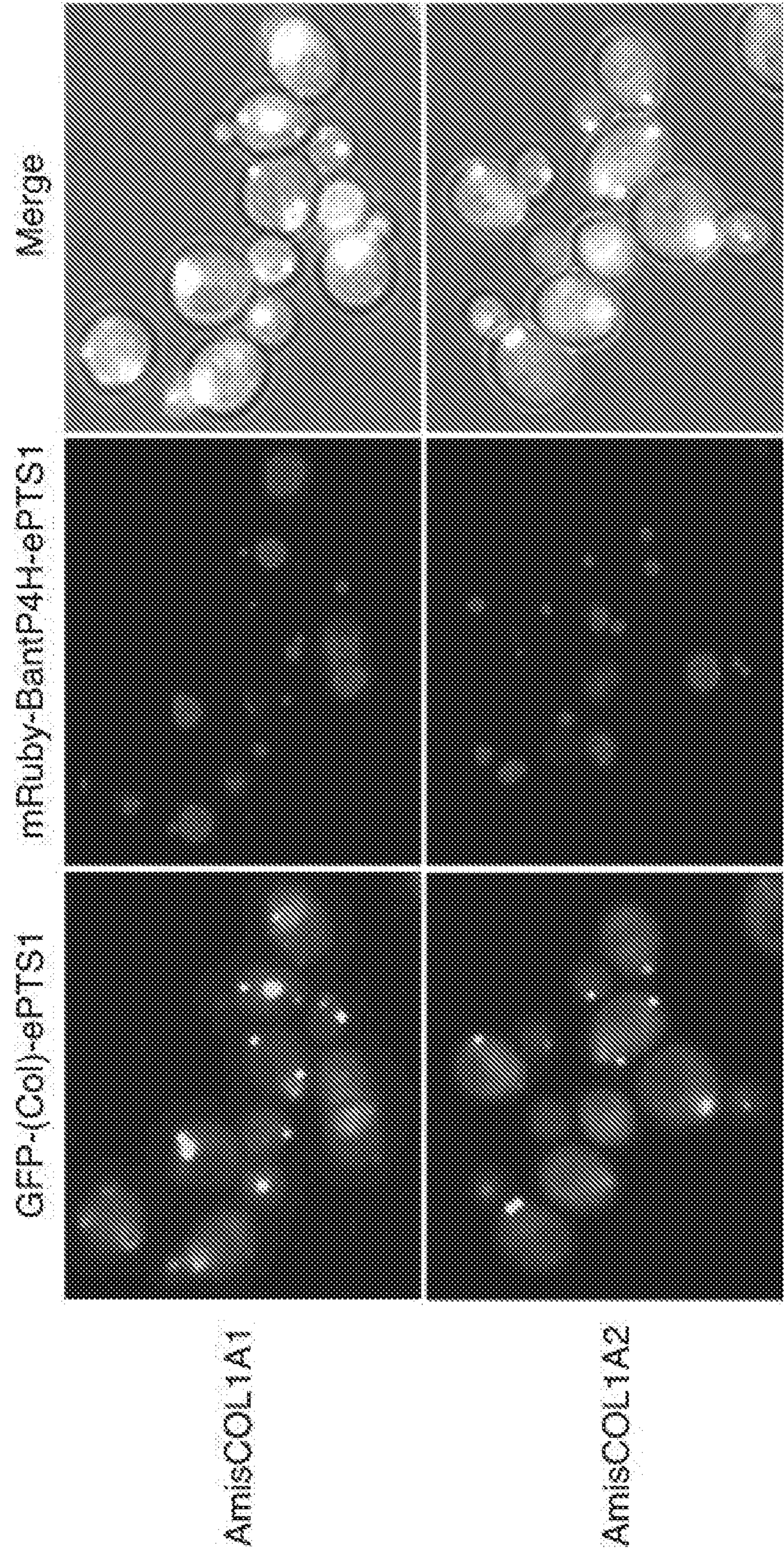


FIG. 8