

FIG. 1A

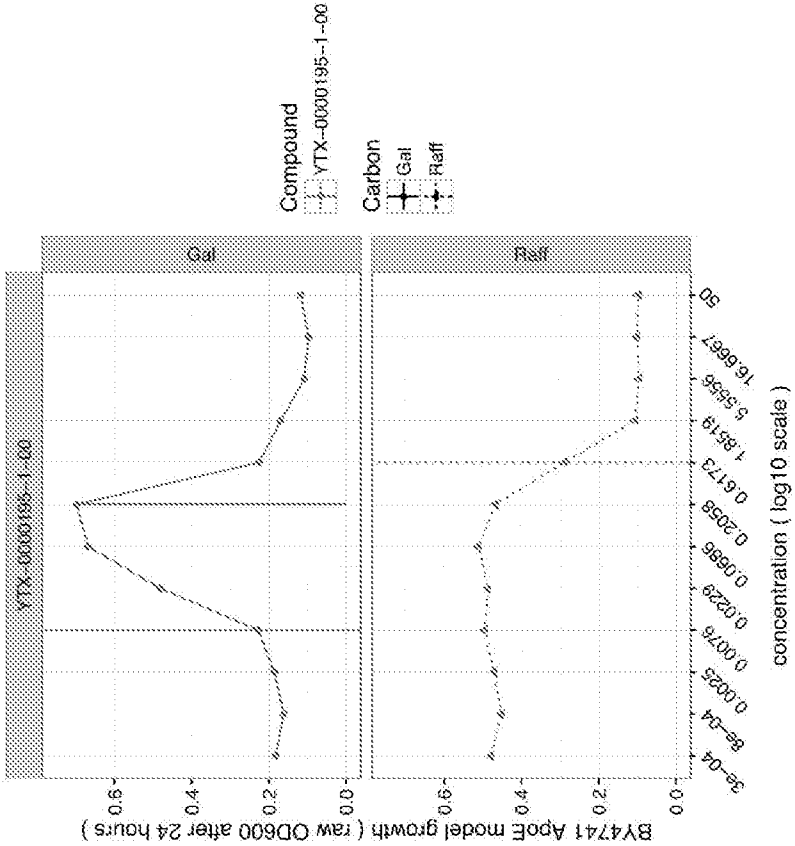


FIG. 1B

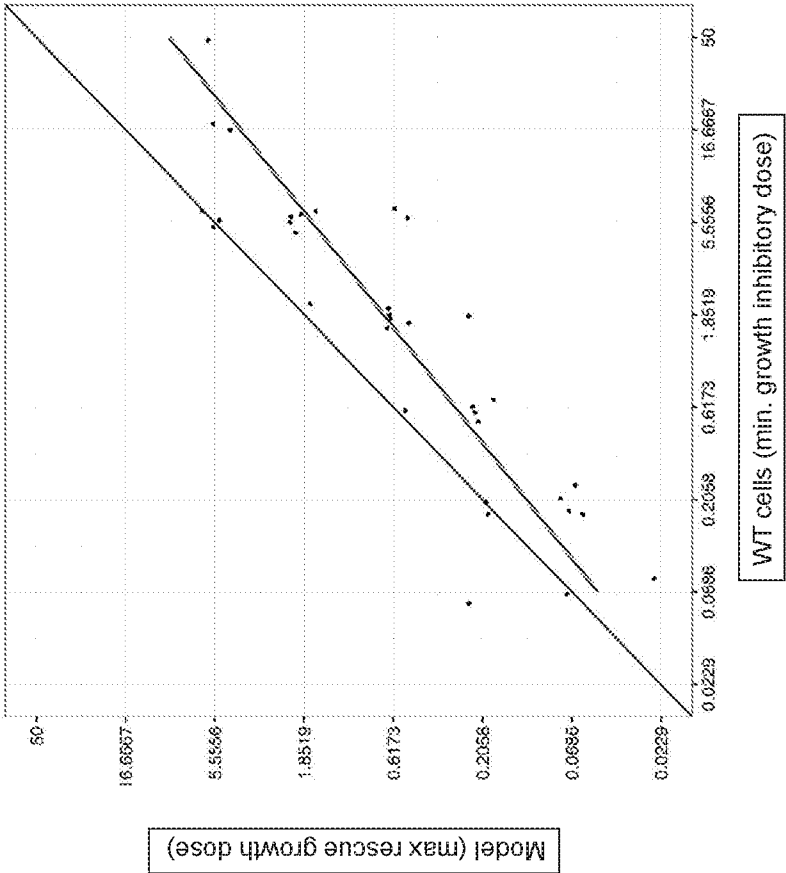


FIG. 2A

Growth Inhibition (WT)

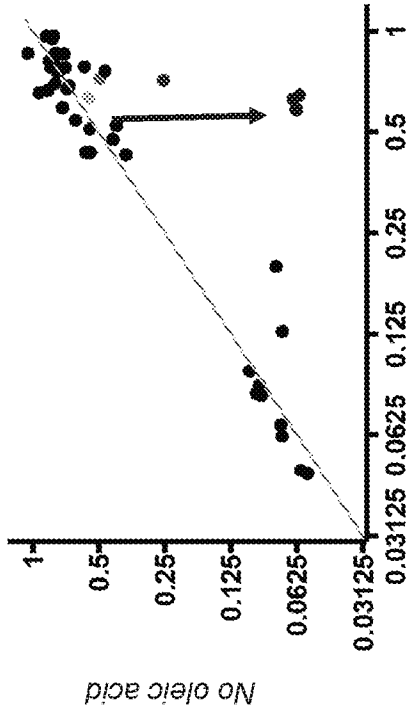


FIG. 2B

Rescue (aSyn)

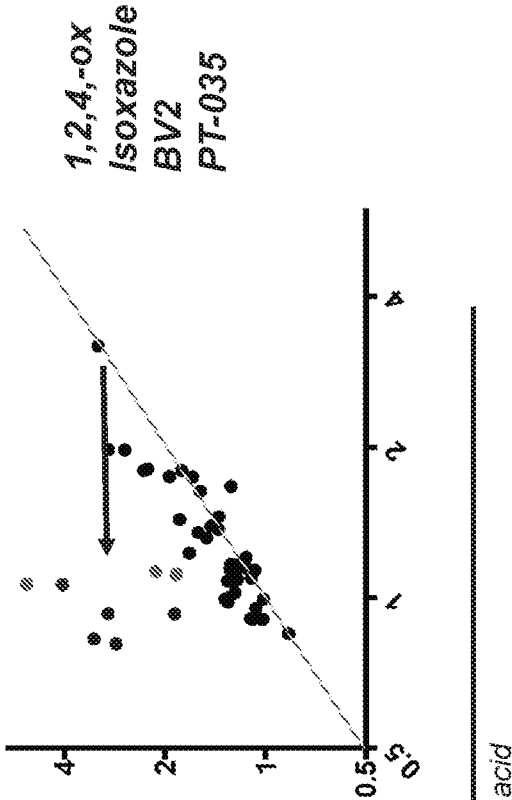


FIG. 3A

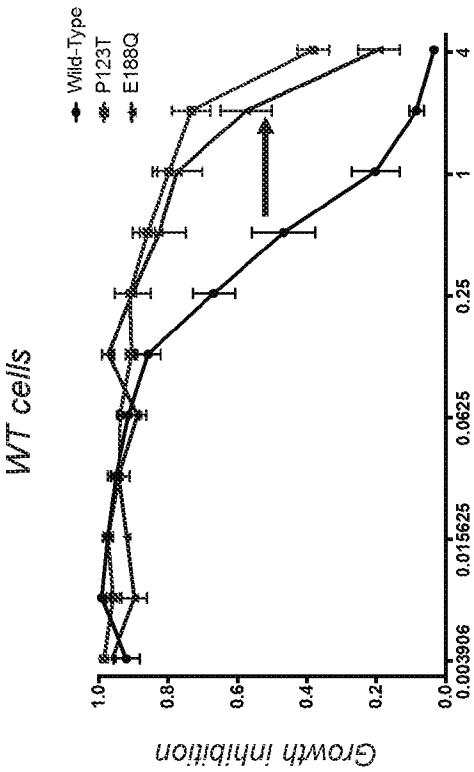


FIG. 3B

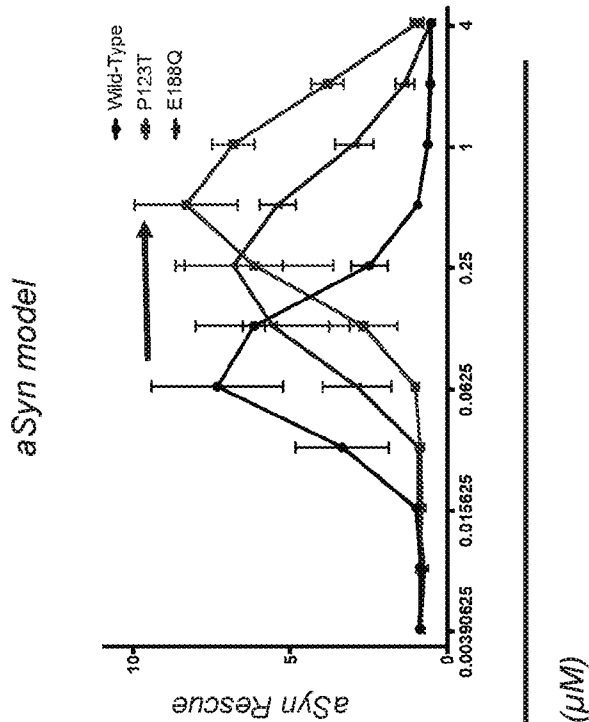


FIG. 4

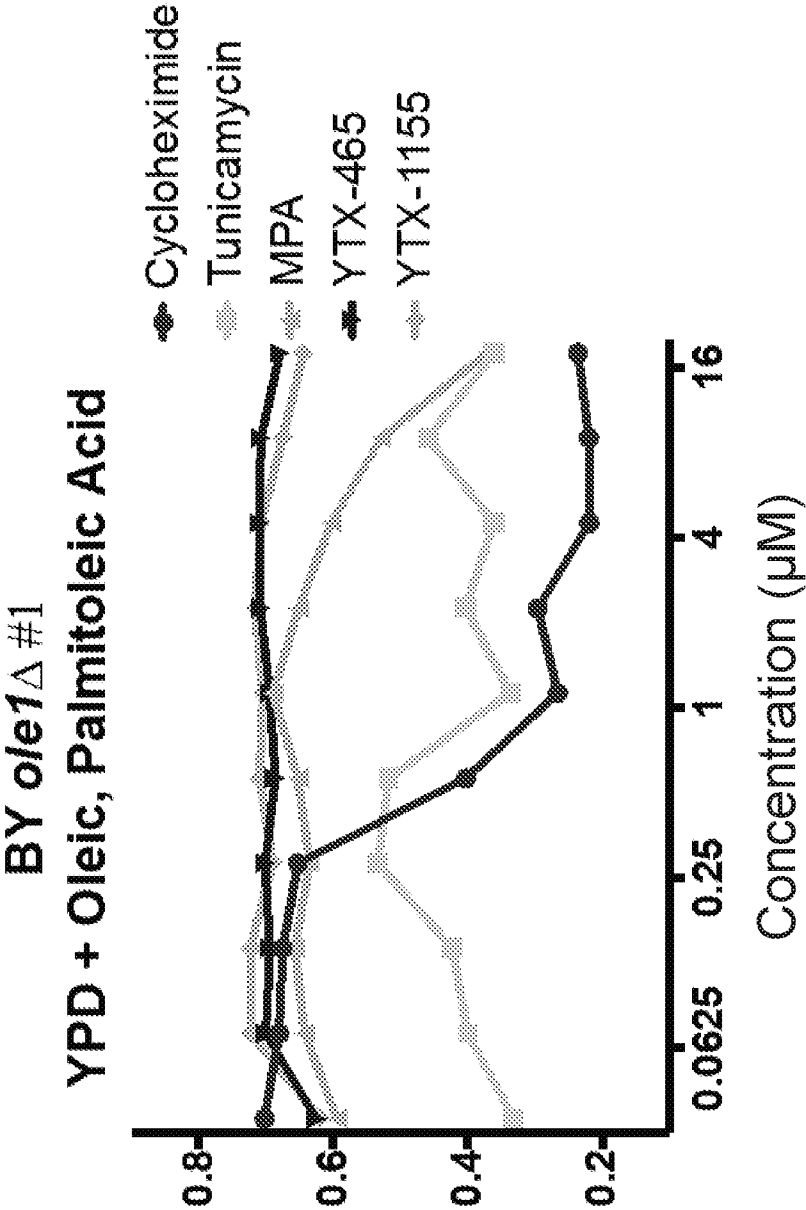


FIG. 5

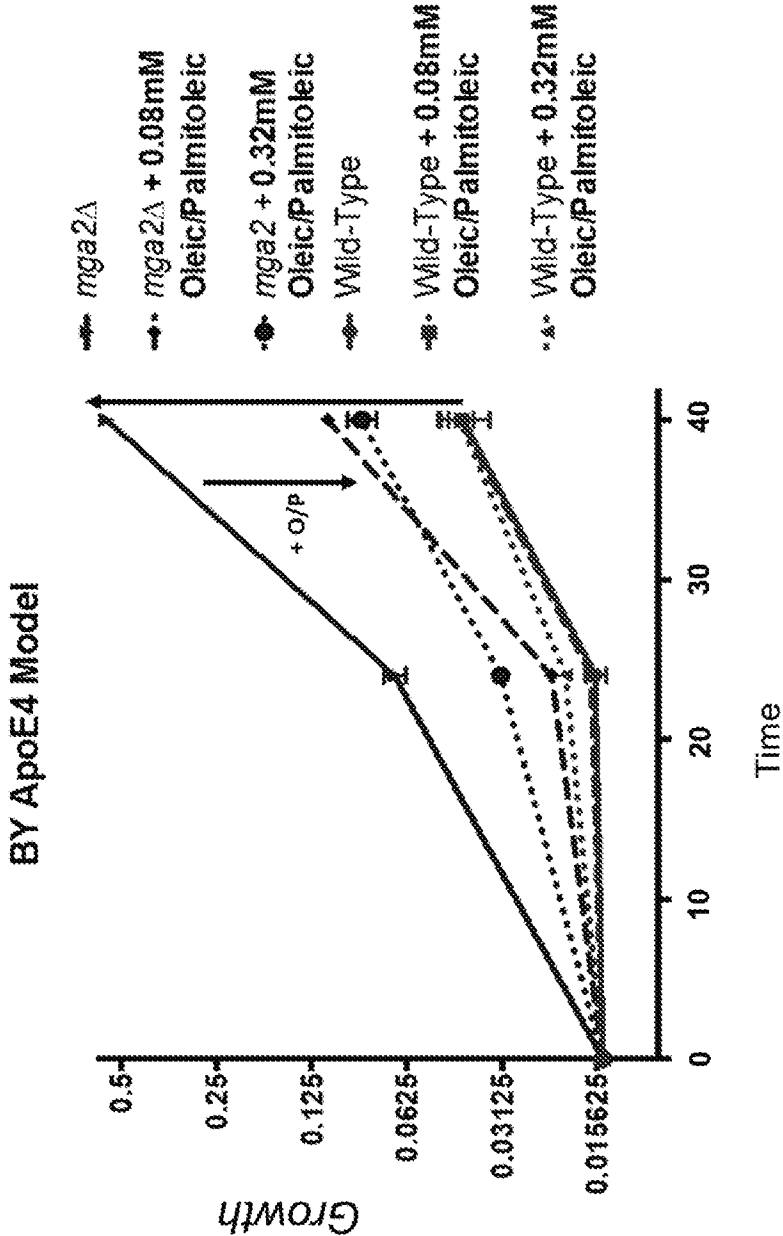
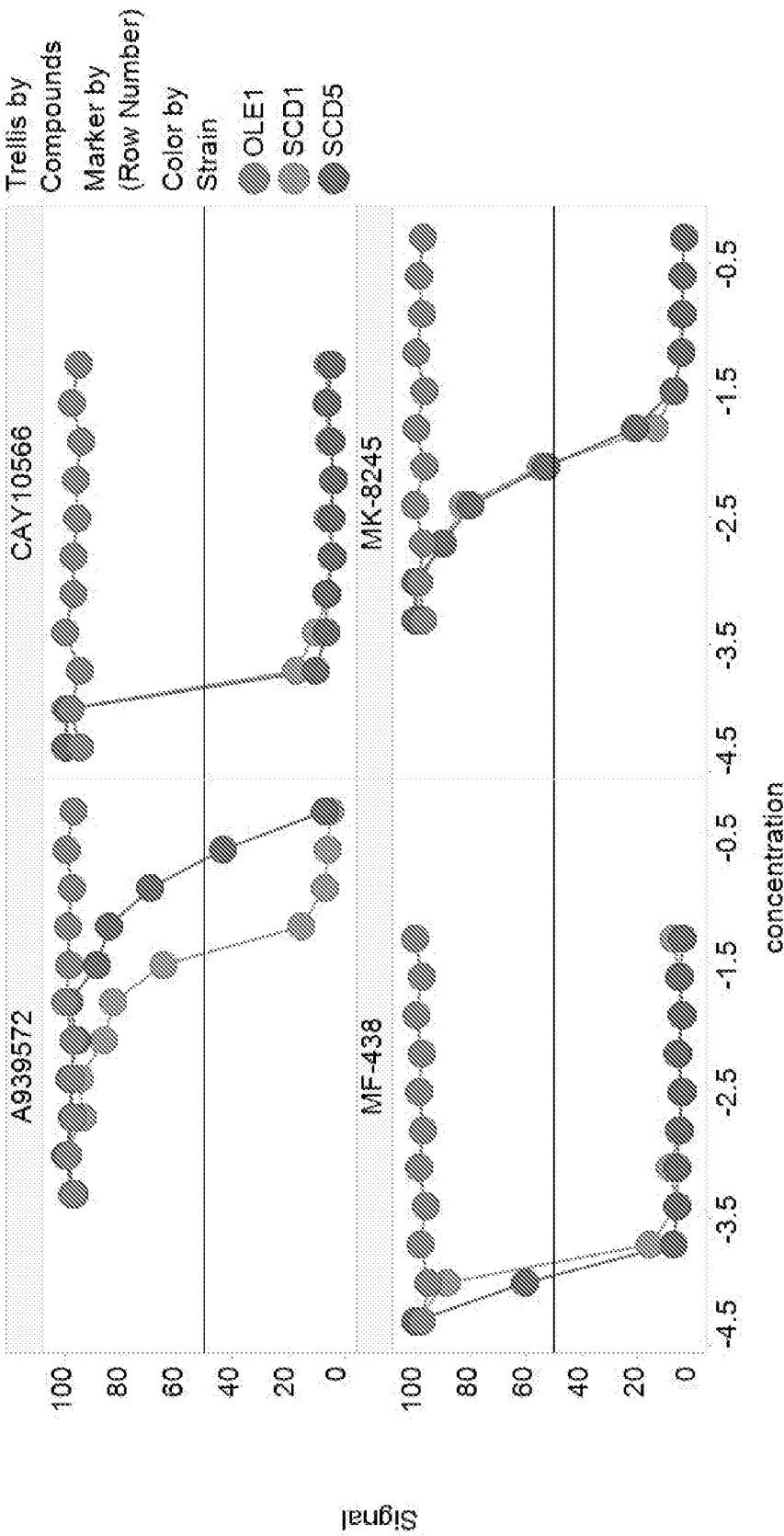


FIG. 6



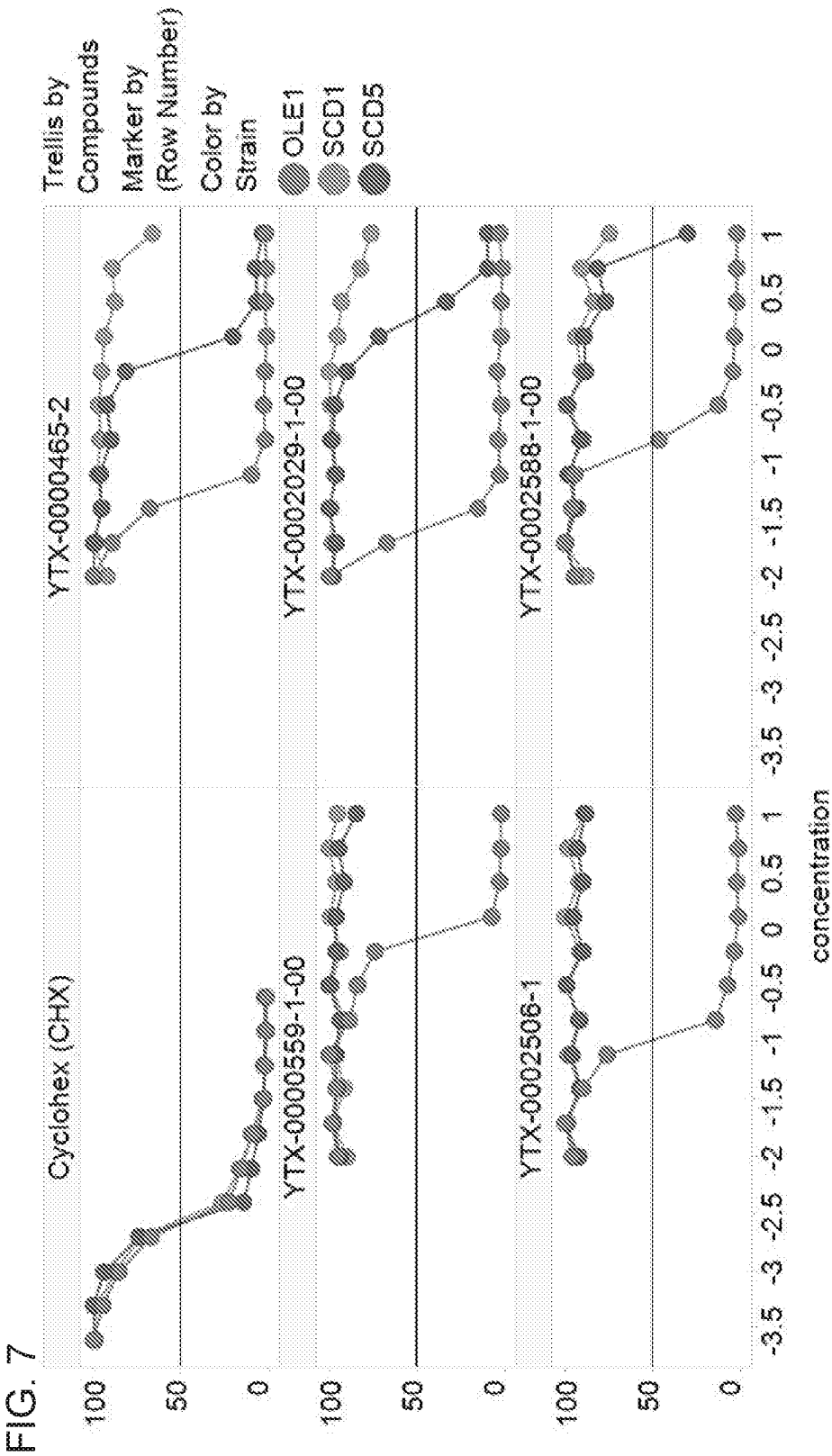


Fig. 8A

Phosphatidylcholine 26:0
1.5hr Drug Treatment

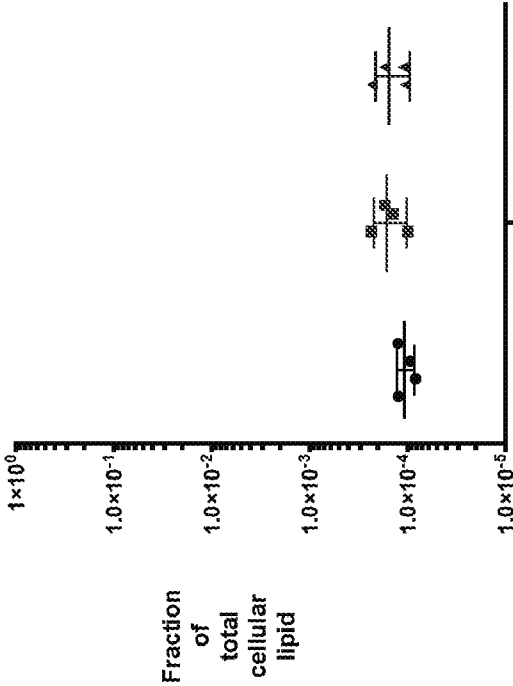


Fig. 8B

Phosphatidylcholine 26:0
8hr Drug Treatment

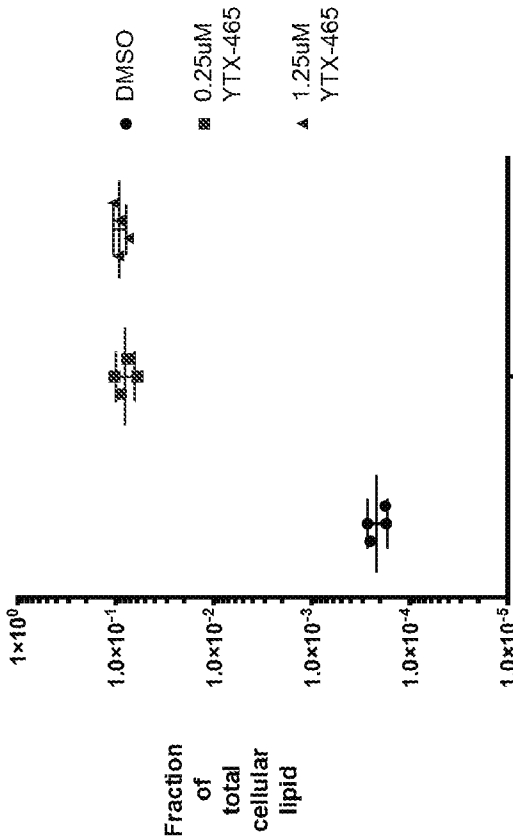


Fig. 8C

Phosphatidylcholine 16:1; 18:1
1.5hr Drug Treatment

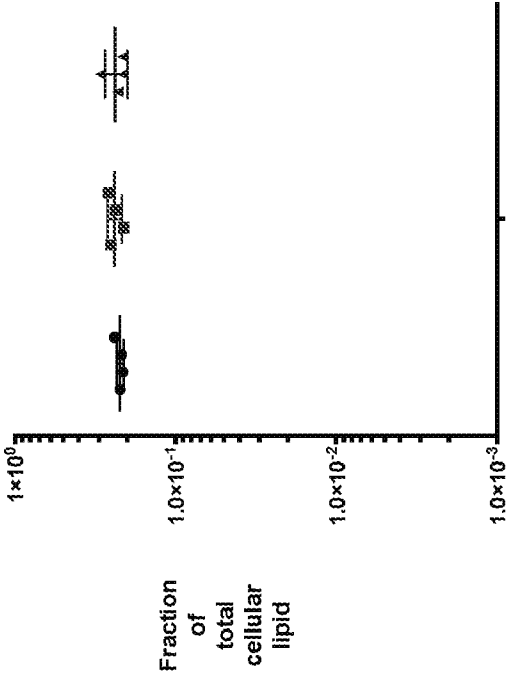


Fig. 8D

Phosphatidylcholine 16:1; 18:1
8hr Drug Treatment

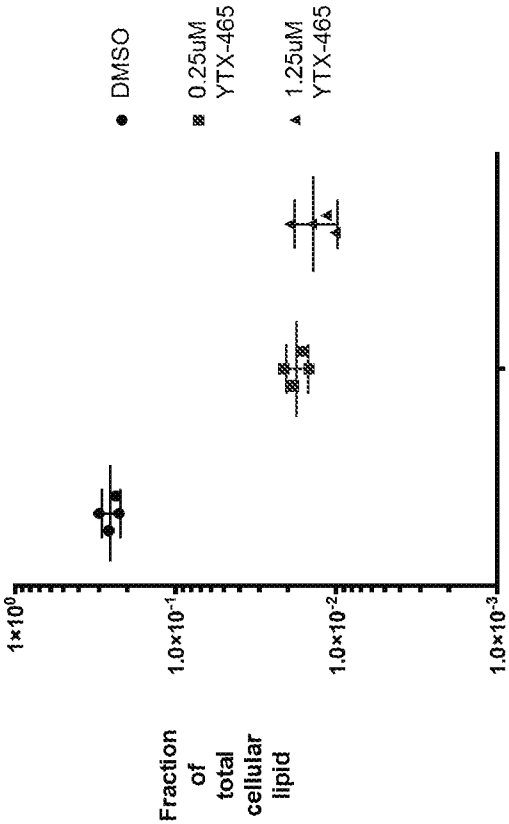


Fig. 9

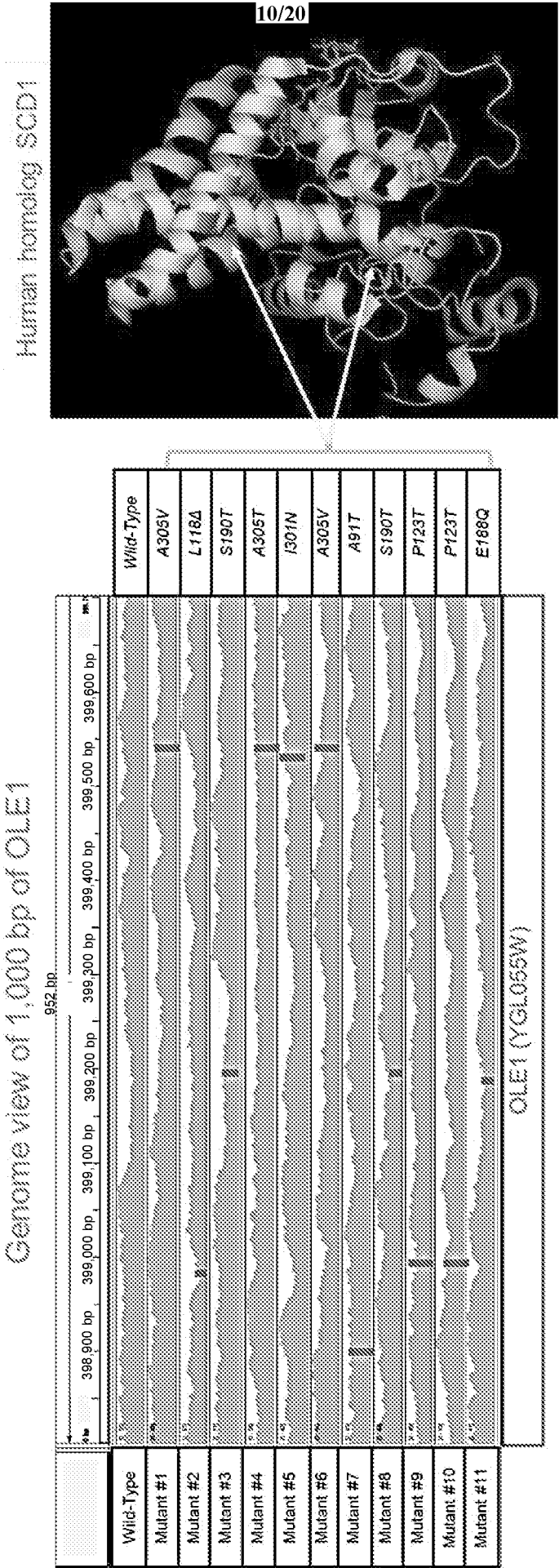


FIG. 10

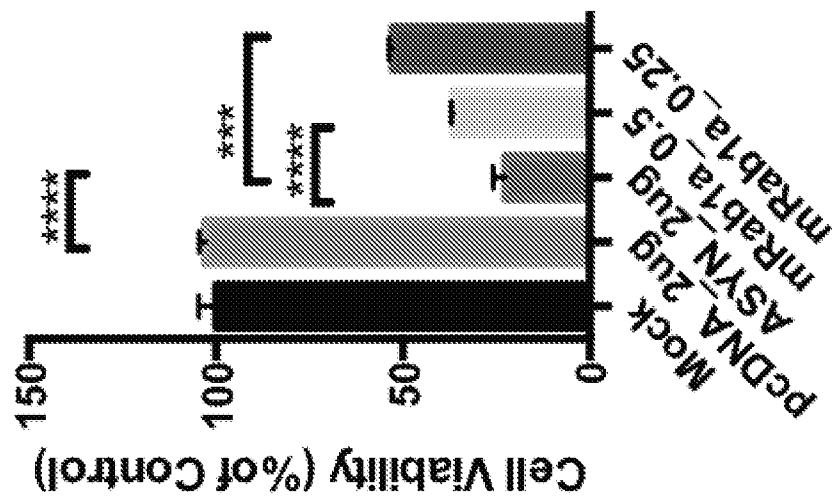


FIG. 11A

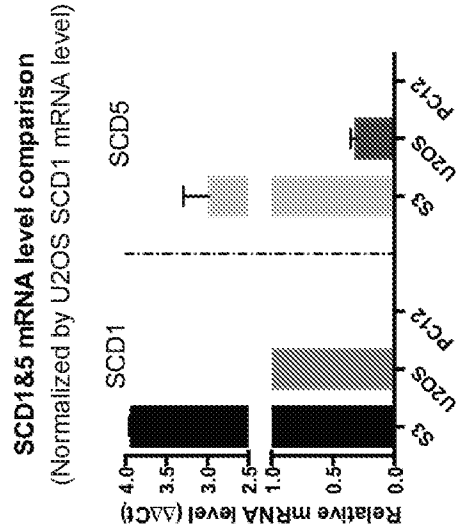


FIG. 11B

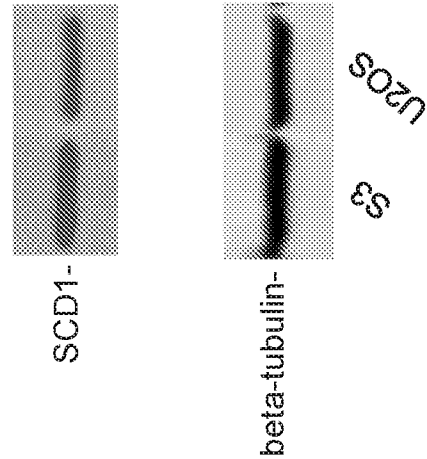


FIG. 12A

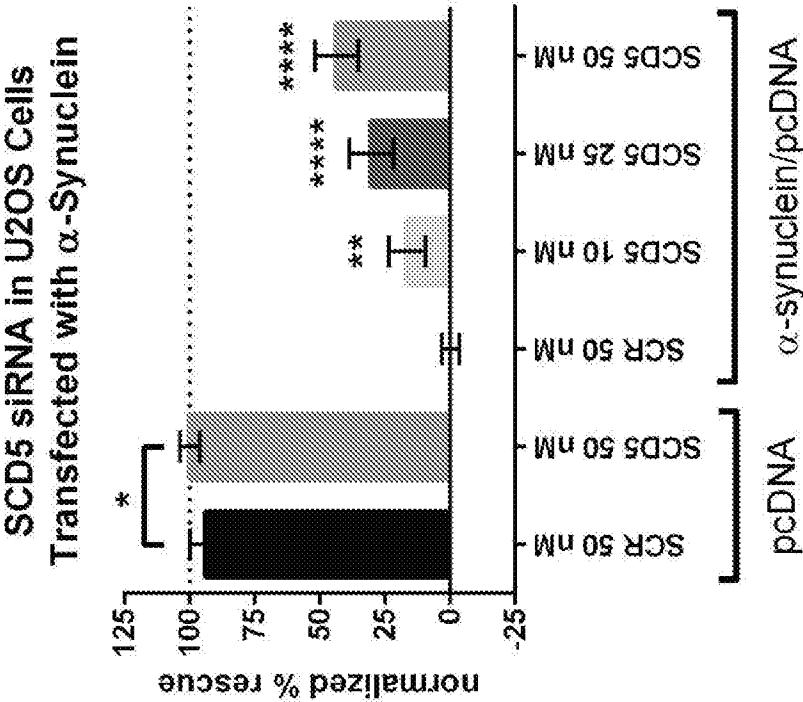


FIG. 12B

SCD5 siRNA (Concentration)	SCD5 mRNA Level (fold-change)
10 nM	0.52
25 nM	0.29
50 nM	0.27

FIG. 13

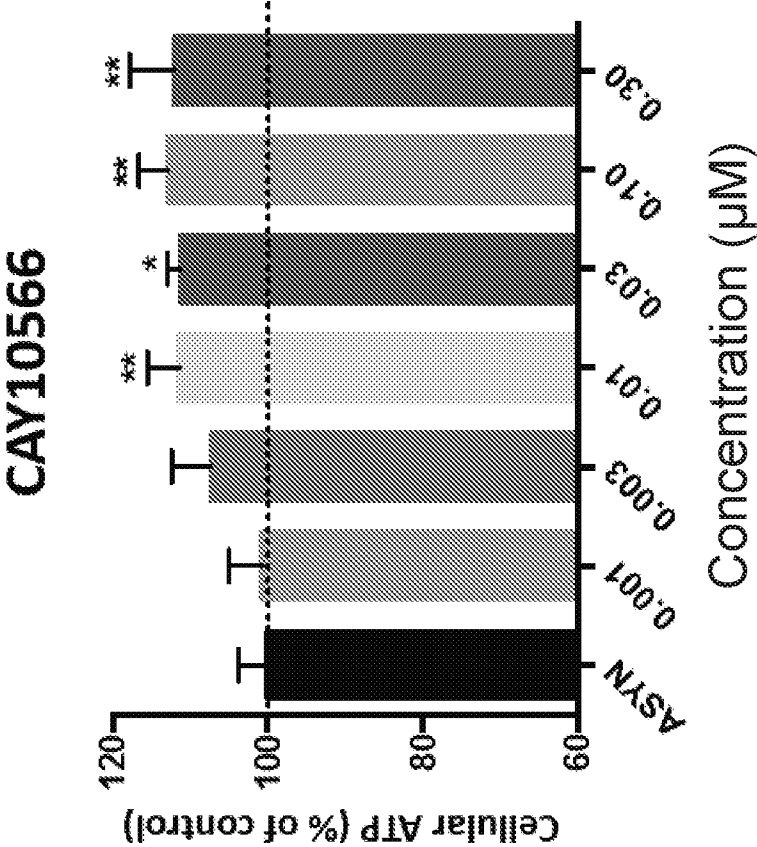
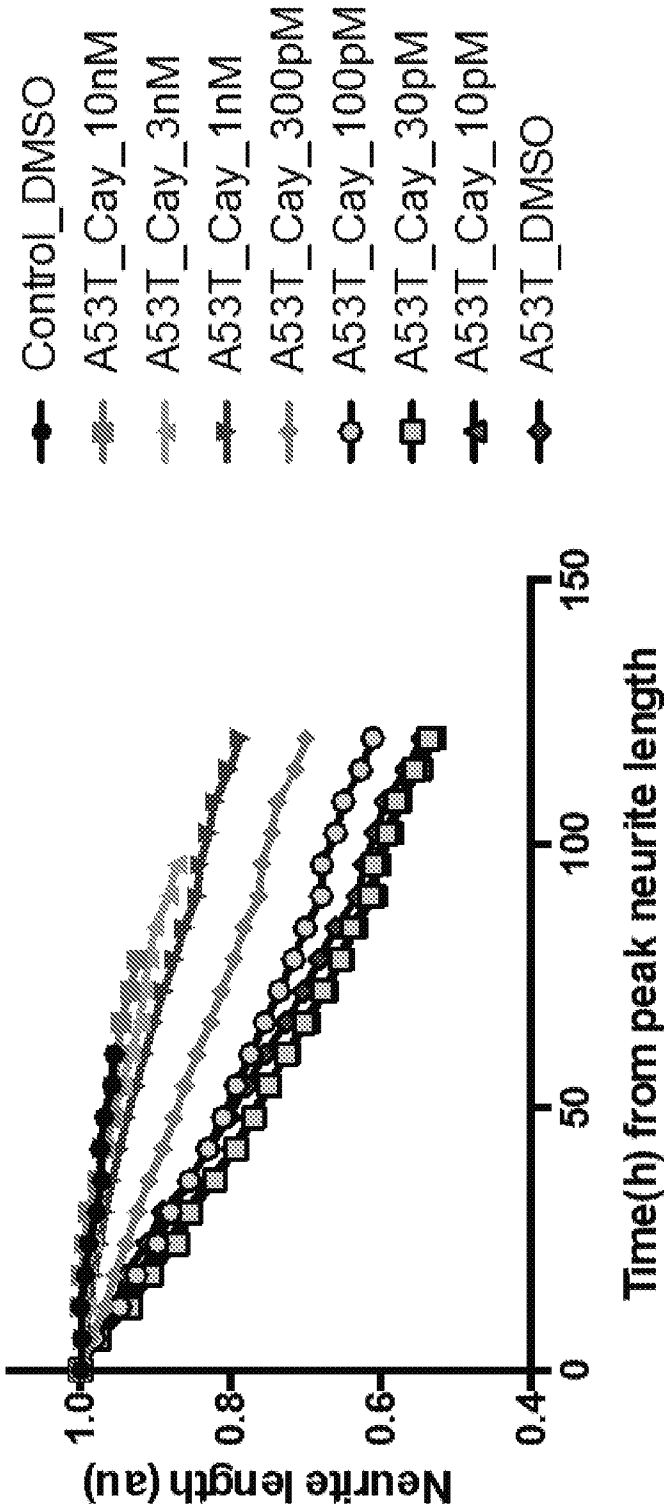
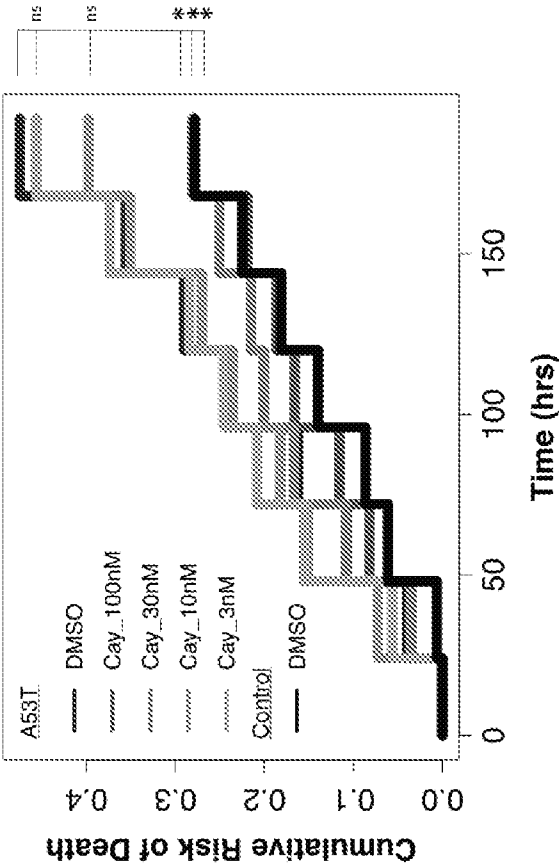


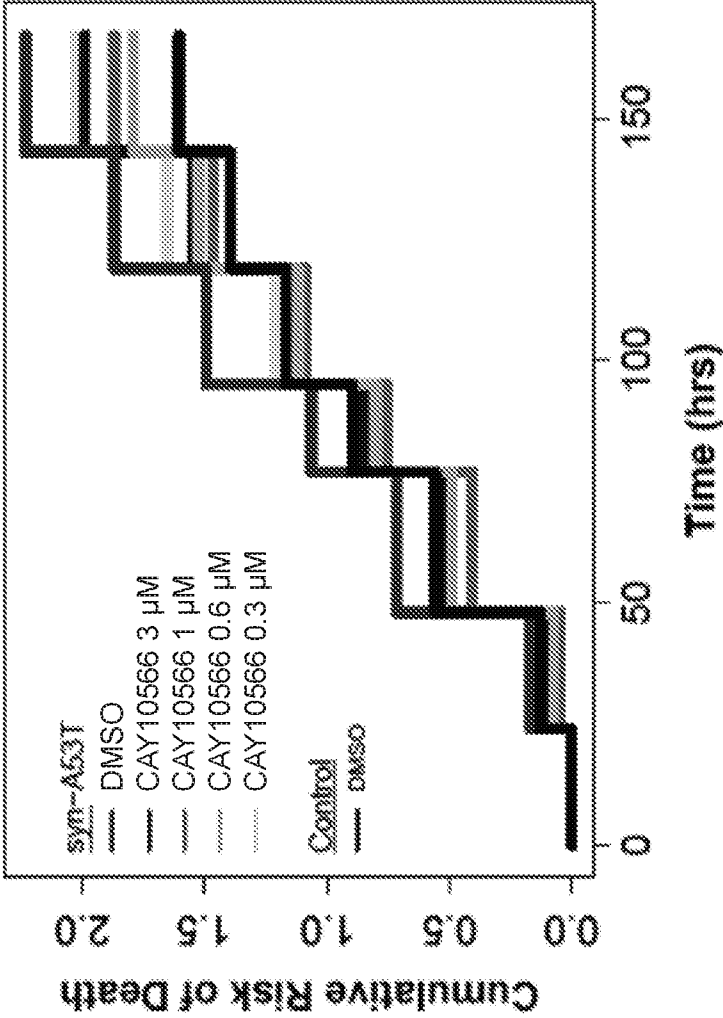
FIG. 14





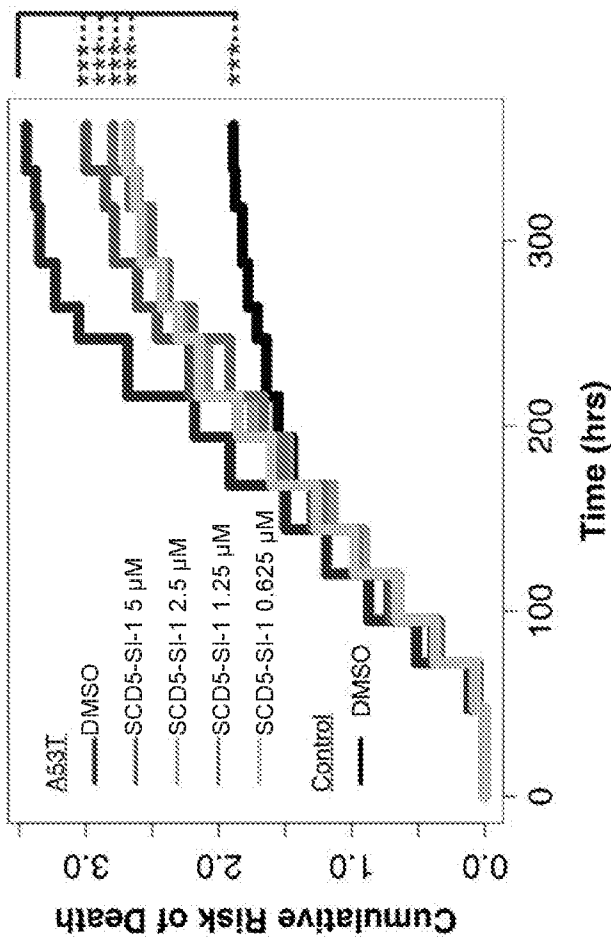
	HR	p	95% CI	N
A53T_DMSO	reference	—	—	127
Control_DMSO	0.59167	0.0136 *	0.21268-2.468	169
A53T_Cay_100nM	0.60567	0.0108 *	0.19672-2.549	229
A53T_Cay_30nM	0.61911	0.0224 *	0.21000-2.283	176
A53T_Cay_10nM	0.87373	0.4842	0.19295-0.700	186
A53T_Cay_3nM	0.98739	0.9454	0.18533-0.068	202

FIG. 16



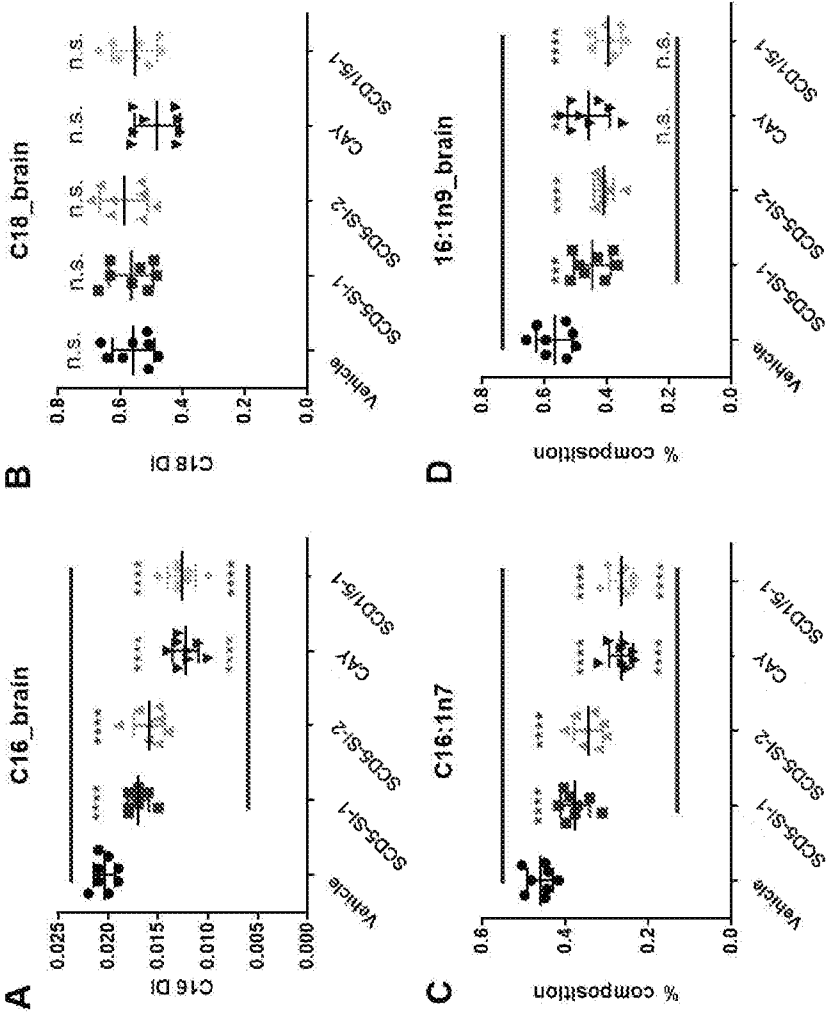
Group (A53T+)	HR	P	95% CI	N
DMSO	reference	--	--	1128
3 μM	0.80224	8.54e-07 ***	0.7349-0.8758	1148
1 μM	0.73058	1.19e-12 ***	0.6700-0.7967	1237
600 nM	0.75223	5.70e-10 ***	0.6875-0.8231	1076
300 nM	0.83989	0.000211 ***	0.7658-0.9211	941

FIG. 17



A53T+	HR	P Value	95% CI	N
DMSO	Reference	—	—	911
SCD5-SI-1 5 µM	0.83121	0.000228 ***	0.7534 0.9171	763
SCD5-SI-1 2.5 µM	0.76345	4.54e-08 ***	0.6931 0.8410	828
SCD5-SI-1 1.25 µM	0.77077	5.00e-08 ***	0.7019 0.8464	933
SCD5-SI-1 0.625 µM	0.79672	2.61e-06 ***	0.7234 0.8763	874

FIGS. 18A-18D



FIGS. 18E-18F

