

Table 1. Quantification of different phenotypes observed in various cell lines under 500nM EMD534085 treatment.

A. Percentage of all 500nM EMD534085-treated cells that arrested in mitosis, divided or died from interphase.

B. Percentage of arrested cells that died, divided or slipped from mitotic arrest.

	HL60	H7	K562	TF1a	SU-DHL-8	HeLa-H2bGFP*	HT29*	U-2 OS*	MCF7*	N/TERT-1*	A549	RPE-1
A. % of all cells												
mitotic arrest	96.4	98.9	98.3	98.8	99.0	99.0	99.4	99.1	99.1	99.9	97.9	98.6
divide	1.9	0.0	0.7	1.2	1.0	0.9	0.5	0.8	0.8	0.1	2.1	1.4
death prior to mitotic entry	1.7	1.1	1.0	0.0	0.0	0.1	0.1	0.1	0.1	0	0.0	0.0
B. % of arrested cells												
division from arrest	0.0	0.0	5.5	5.9	2.9	0.5	3.0	5.3	1.8	0.0	0.0	0.0
death in arrest	96.7	100.0	88.2	5.9	29.4	12.9	28.3	5.5	2.3	11.4	1.1	0.0
slippage from arrest	3.3	0.0	6.3	88.2	67.7	86.6	68.7	89.2	95.9	88.6	98.9	100.0

HL60, H7, K562, TF1a, and SU-DHL-8 are from hematological lineage.

HeLa-H2bGFP, HT29, U-2 OS, MCF7, N/TERT-1, A549, and RPE-1 are from epithelial lineage.

* Results of these cell lines were from [26] for comparison.