Supplementary Information

Resveratrol loaded polymeric micelles for theranostic targeting of breast cancer cells

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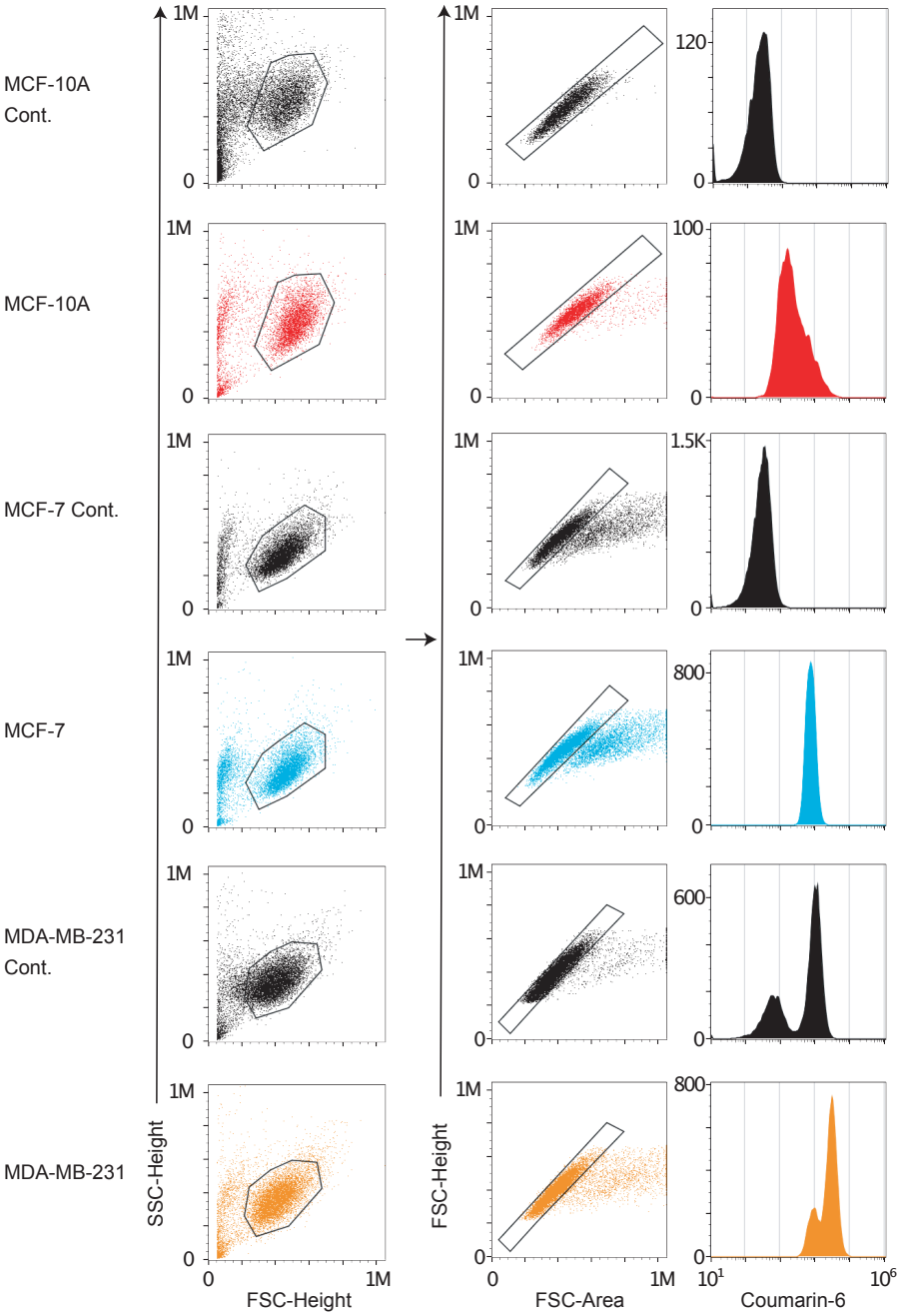

Figure S1. Representative FACS dot plots of gating strategy. Mean fluorescence intensity (MFI) of Coumarin 6 for all cell lines tested in the one-hour treatment group. The population of cells was detected depending on their size and complexity (FSC-SSC gate) and later the doublets were excluded (FSC-Height/FSC-Area gate). The Flow cytometric data from single cells is displayed as histograms.

P-value			
MDA-MB-231			
	24 h	48 h	72 h
0.25 µg/ml	ns	ns	0.0113
0.50 µg/ml	ns	ns	0.0003
1.2 µg/ml	ns	0.0001	<0.0001
2.5 µg/ml	<0.0001	<0.0001	<0.0001

P-value			
MCF-10A			
	24 h	48 h	72 h
0.25 µg/ml	ns	ns	ns
0.50 µg/ml	ns	ns	ns
1.2 µg/ml	ns	ns	0.0283
2.5 µg/ml	ns	ns	ns

P-value			
MCF-7			
	24 h	48 h	72 h
0.25 µg/ml	ns	0.0098	0.006
0.50 µg/ml	0.0016	0.0036	0.0002
1.2 µg/ml	0.0006	<0.0001	<0.0001
2.5 µg/ml	<0.0001	<0.0001	<0.0001

Table S1: P values of MCF-10A, MCF-7 and MDA-MB-231 cell lines. The values were calculated by the one-way ANOVA test and at the 0.05 level were considered statistically significant.