

Supplementary Material

Cervical cancer benefits from Trabectedin combination with the β -blocker Propranolol: in vitro and ex vivo evaluations in patients-derived organoids

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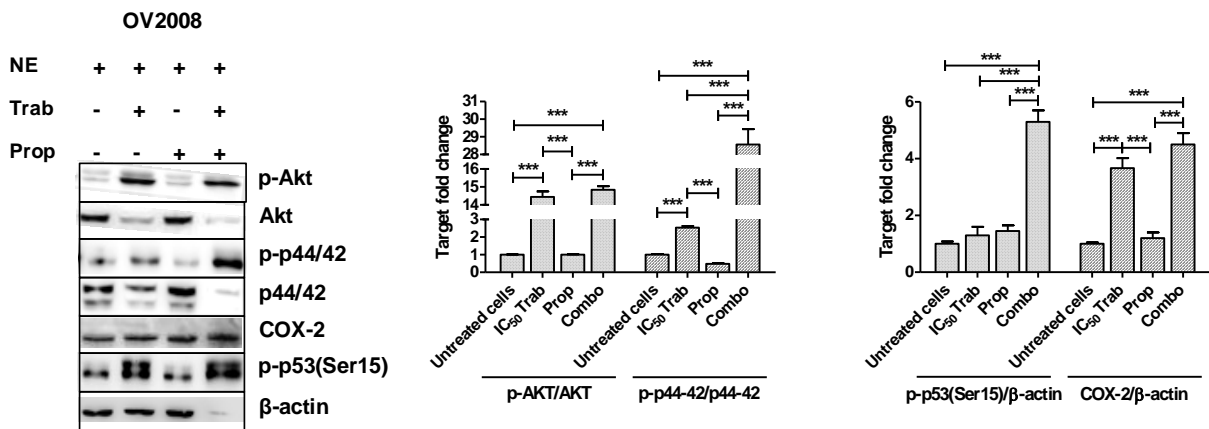
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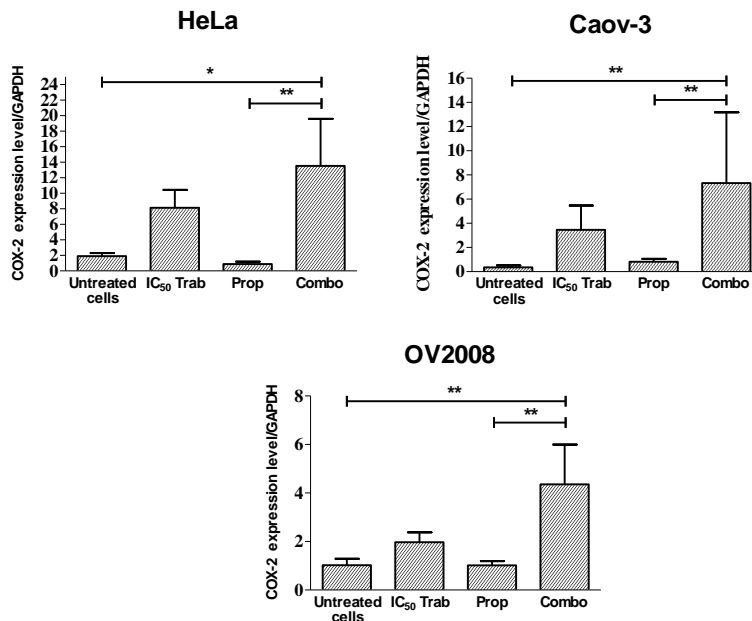
Supplementary Figures

Supplementary Figure 1: Cell target modulation by treatment(s) in OC and CC cell lines, in presence of 10 μ M NE. (A) Immunoblots conducted in OV2008 cell line after 24 h of treatment(s). (B) Histogram plots showing COX-2 mRNA expression level (vs GAPDH mRNA expression level) measured after treatment(s) in HeLa, OV2008 and Caov-3 cell lines.

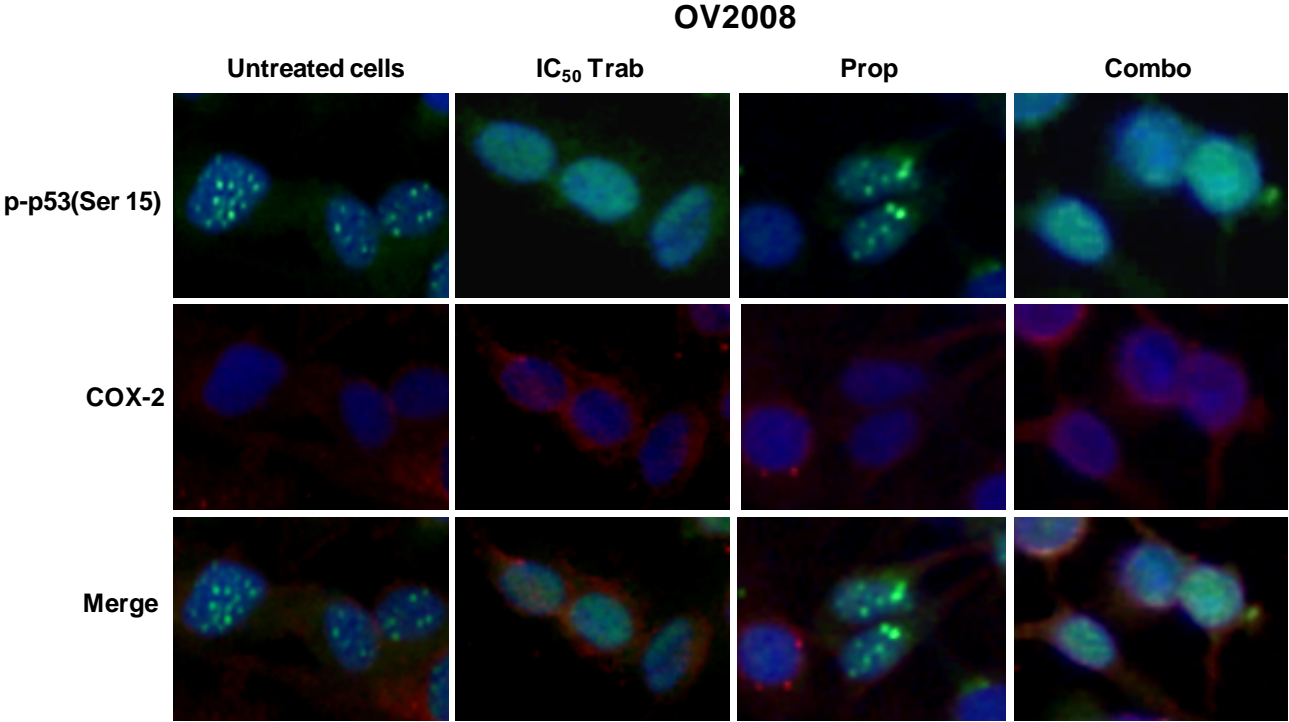
A



B



Supplementary Figure 2: IF evaluation of p-p53(Ser15) and COX-2 in OV2008 cell line in untreated and treated cells. Representative IF images showing p-p53(Ser15) and COX-2 localization in OV2008 cell lines after 24 h exposure to IC50 Trabectedin and Propranolol alone or in combination, in presence of 10 μ M NE.



Supplementary Figure 3: PD1 and PD-L1 expression modulation by treatment(s) in OC and CC cell line. Histogram plots showing the expression (%) of PD-L1 (A) and PD1 (B) in OC and CC cell lines, performed by FCM in untreated and 24 h-treated cells with Trabectedin and Propranolol alone and in combination, under stress stimuli with 10 μ M NE; the results are reported as mean \pm SD of three independent experiments. ** p <0.01, *** p <0.001.

