

cancer cell lines by . Perturbing cancer cells with targeted drugs singly and in pairs (A) reveals **Models from experiments: combinatorial drug perturbations of** Sep 25, 2014 We consider the inverse problem of possible dynamic models that can Keywords: Drug perturbation experiments, Network inference, [11] has used Random Forests over the NCI 60 cancer cell lines for drugs sensitivity prediction. .. Each target inhibition combination can be considered as multiplying **Encyclopedia of Cell Biology - Google Books Result** Sep 2, 2008 Application of nonlinear MIMO models to combinatorial perturbation Dual drug perturbation experiments in MCF7 breast cancer cells. **Inference of dynamic biological networks based on responses to** Aug 28, 2015 ally predict drug combination responses retain this experimental search space, as model definitions typically rely on extensive drug perturbation data. The model is based on specific cancer cell biomarkers obtained from. **Discovery of Drug Synergies in Gastric Cancer Cells - PLoS ONE** Models from experiments: combinatorial drug perturbations of cancer cells. Sven Nelander1,* , Weiqing Wang1, Bjrn Nilsson2, Qing-Bai She3, Christine **Models from experiments: combinatorial drug perturbations of** Models from experiments: combinatorial drug perturbations of cancer cells. Mol Syst Biol. 20084:216. Kimbung S, Biskup E, Johansson I, et al. Co-targeting of **Models from experiments: combinatorial drug perturbations of** CellCircuits: a database of protein network models. Nucleic. Models from experiments: combinatorial drug perturbations of cancer cells. Mol. Syst. Biol. 4, 216. **Models from experiments: combinatorial drug perturbations of** Sep 2, 2008 To evaluate the predictive potential of the method, we performed 21 drug pair treatment experiments in a human breast cancer cell line (MCF7) **Systematic synergy modeling: understanding drug synergy from a** Sep 2, 2008 Models from experiments: combinatorial drug perturbations of cancer cells. Sven Nelander, Weiqing Wang, Bjorn Nilsson, Qing?Bai She, **Drug-Diagnostics Co-Development in Oncology: - Google Books Result** Models from experiments: combinatorial drug perturbations of cancer cells. 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Sven Nelander, Weiqing Wang, Bjorn Nilsson, Qing Bai She, Christine Pratilas, Neal **Background - DrugLogics NTNU** Other than being based only on conventional wet lab experiments, a systems . 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Models from experiments: combinatorial drug perturbations of cancer cells

Result Testing modeling power for combinatorial perturbations in breast cancer cells. Dual drug perturbation experiments in MCF7 breast cancer cells To directly test **PDF(455K) - Wiley Online Library**