## Identification of Genes Induced by Taxol Application Using a Combination of Differential Display RT-PCR and DNA Microarray Analysis

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The differential display reverse transcriptional polymerase chain reaction (DD-RT-PCR) was used to hunt for cDNA fragments specifically expressed by taxol treatment of HeLa cells. Forty-eight cDNA clones were differentially displayed through the experiments. The cDNA fragments obtained were separately spotted onto glass slides to prepare a tailor-made DNA chip. The gene expression pattern of differentially displayed cDNA fragments were checked by DNA microarray analysis.