The global identification of non coding RNA regulated by p53 -- Maruyama... http://www.aacrmeetingabstracts.org/cgi/content/meeting_abstract/2007/...
transcriptionally upregulated by p53 by ChIP assay and reporter assay and the gene is upregulated by exogenous and endogenous p53 induction in several cell lines. Furthermore, its overexpression slightly suppressed colony growth in several cancer cell lines, therefore the gene might have potential tumor suppressive function. Interestingly, the gene has no ORF long enough for coding protein, so it might be functional ncRNA. We have found a lot of ncRNAs regulated by p53, and functional analysis is currently underway. We would like to introduce some new findings in this meeting.