

Title (en)
EXPRESSION MONITORING FOR GENE FUNCTION IDENTIFICATION

Title (de)
AUFZEICHNUNG DER EXPRESSION ZUR IDENTIFIZIERUNG DER GENFUNKTION

Title (fr)
CONTROLE D'EXPRESSION GENIQUE PERMETTANT D'IDENTIFIER UNE FONCTION DE GENE

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Abstract (en)
[origin: WO9830722A1] This invention provides methods, compositions and apparatus for mapping the regulatory relationship among genes by massive parallel monitoring gene expression. In some embodiments, mutations in the up-stream regulatory genes are detected by monitoring the change in down-stream gene expression. Similarly, the function of a specific mutation in an up-stream gene is determined by monitoring the down-stream gene expression. In addition, regulatory function of a target gene can be determined by monitoring the expression of a large number of down-stream genes. The invention also provides specific embodiments for detecting p53 functional homozygous and heterozygous mutations and for determining the function of p53 mutations.

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