

Download Post Transcriptional Gene Regulation Methods In Molecular Biology

Post-transcriptional regulation is the control of gene expression at the RNA level, therefore between the transcription and the translation of the gene. It contributes substantially to gene expression regulation across human tissues. Regulation of gene expression, or gene regulation, includes a wide range of mechanisms that are used by cells to increase or decrease the production of specific gene products (protein or RNA). Sophisticated programs of gene expression are widely observed in biology, for example to trigger developmental pathways, respond to environmental stimuli, or adapt to new food sources. Effects of Regnase-1 deletion on BM HSPC populations. To elucidate the function of Regnase-1 in HSPC development and/or maintenance, we analyzed mice harboring a floxed allele of the gene encoding ... Epigenetic control of gene expression. Mechanisms independent of DNA alterations through which the gene expression programme particular to a cell type is recapitulated in daughter cells after cell ...