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can control gene expression in various ways because they contain various elements important for the regulation of mRNA stability or translation. Key Reference: Barrett et al (2012). Regulation of eukaryotic gene expression by the untranslated gene regions and other non-coding elements. Cell. Mol. Life Sci. 69:3613–3634

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Regulation of Gene Expression (Summary) Eukaryotic gene expression is regulated at the following levels: • ____ control e.g. DNA methylation and histone acetylation • ____ control e.g. transcription initiation control by activator and repressor proteins • ____ control e.g. control of translation initiation via

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