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Author <b>Linnea Lidell</b>			
Title (English) <b>Initial studies of DNA methylation at specific CpG sites in the t-PA gene regulatory region</b>			
Title (Swedish)			
Abstract The fibrinolytic enzyme tissue type plasminogen activator (t-PA) is released by the vascular endothelium to limit the growth of blood clots and ultimately prevent the occurrence of thrombotic cardiovascular disease. DNA methylation at specific CpG sites is an epigenetic mechanism known to influence gene expression. The aim of this study was to investigate the role of DNA methylation in the regulation of t-PA expression. The pattern of DNA methylation at specific CpG sites in the enhancer and promoter of the t-PA gene was evaluated using bisulfite genomic sequencing.			
Keywords t-PA, DNA methylation, CpG sites, bisulfite genomic sequencing, endothelial cells			
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