

Molecular Biotechnology Programme

Uppsala University School of Engineering

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Title (English) Construction of VEGF-encoding mini-circle plasmid and development of a semiquantitative RT-PCR measuring VEGF-mRNA	
Title (Swedish)	
term gene expression. In this master thesis produce a mini-circle plasmid consisting expression of hVEGF from this plasmid, devo of an existing hVEGF-plasmid using ELISA	s for gene therapy are believed to inhibit long- , a novel recombination method was used to of the expression cassette for hVEGF. The old of bacterial sequences, was compared to that a. The mini-circle proved to have an equal or nethod for measuring VEGF-mRNA levels in E-PCR was developed.
Keywords Gene therapy, plasmid based vectors, mini-cir	cles, hVEGF, semiquantitative RT-PCR
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