UPPSALA UNIVERSITET

Molecular Biotechnology Programme

Uppsala University School of Engineering

UPTEC X 05 055	Date of issue 2005-12

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Title (English)

Single molecule detection by fluorescence and current blockade during translocation through a nanopore

Title (Swedish)

Abstract

A Zeiss Axiovert 200 microscope was modified for single molecule detection by fluorescence and current blockade as molecules translocate through a nanopore. Single molecule detection was achieved by fluorescence correlation spectroscopy. Detection with the nanopore incorporated will probably be achieved during 2005.

Keywords

Nanopore, single molecule detection, fluorescence correlation spectroscopy

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Project name	Sponsors
Language **English**	Security
ISSN 1401-2138	Classification
Supplementary bibliographical information	Pages **24**

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