

Molecular Biotechnology Programme

Uppsala University School of Engineering

UPTEC X 07 033	Date of issue 2007-06		
Carl-Olof Joachimsson Title (English) Validation of AmpFℓSTR® Yfiler™ and evaluation of the use of Y- STR analysis in forensic casework in Europe			
		Title (Swedish)	
		Abstract	
even at low amounts of male DNA (63 pg). The male DNA, and male DNA was successfully a DNA (ratio 1:1000). In a comparison study with market, Yfiler was shown to have a lower dr	ble to detect male DNA with a high success rate the amplification was shown to be specific to emplified even in the presence of excess female the PowerPlex [®] Y, another Y-STR kit on the op-out ratio and displayed a higher fluation on the use of Y-STR analysis in Europe		
Y-STR, Yfiler [™] , PowerPlex [®] Y SWGDAM co	ore set, forensic science, male DNA typing		
Supervisors			
Christina Valgren Marianne Mattsson Senior Molecular Biologist, SKL Senior Forensic Expert, SKL			
Scientific reviewer			
Ricky Ansell, Ph.D. Forensic Adviser, SKL			
Project name	Sponsors		
Language	Security		
English			
ISSN 1401-2138	Classification		
Supplementary bibliographical information	Pages 50		
Ov	ical Center Husargatan 3 Uppsala 0)18 4710000 Fax +46 (0)18 555217		