

## Short Tandem Repeat Analysis\*

**Samples Report:**  
 DNA Samples from 3 hESC lines

Requestor: **Dr. Jamie Thompson Lab**  
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UW Accession #s: Sample(s) Date: not indicated  
 073550522,  
 073550525, Received Date: 12/17/07  
 073550527

Test Date: 12/19/07

File Name: 071220 Report Date: 12/21/07

**Sample Names:** (label on reference sheet and on tubes)  
 See table below

**Description:** DNA Extracted by Thompson Lab

All DNA samples diluted; concentration not indicated  
 assumed ~10ng/uL (~ 50\_μL volume)

Locus	STR Genotype Repeat #	ES IMR90 Clone 2	ES IMR90 Clone 4	ES Foreskin Clone 2
D16S539	5, 8-15	10,13	10,13	9,11
D7S820	6-14	9,12	9,12	12,12
D13S317	7-15	11,13	11,13	11,12
D5S818	7-15	12,13	12,13	11,12
CSF1PO	6-15	11,13	11,13	12,13
TPOX	6-13	8,9	8,9	10,11
Amelogenin	NA	X,X	X,X	X,Y
TH01	5-11	8,9.3	8,9.3	6,9.3
vWA	11, 13-21	16,19	16,19	17,18

**Comments:** Profiles at eight human STR loci were determined for each of the 3 DNA samples purified from human embryonic stem cell lines. A preliminary copy of this report was issued via electronic mail to Junying Yu ([jyu@primate.wisc.edu](mailto:jyu@primate.wisc.edu)) and Jessica Antosiewicz-Bourget ([jea@primate.wisc.edu](mailto:jea@primate.wisc.edu)) of Dr. Jamie Thompson's research laboratory on Friday, December 21, 2007.

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 David F. Lorentzen, Manager Date  
 HLA/Molecular Diagnostics Laboratory

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 William M. Rehrauer, PhD, Director Date  
 HLA/Molecular Diagnostics Laboratory

\* Testing was accomplished by analysis of human genetic polymorphisms at STR loci. This methodology has not yet been approved by the FDA and is for investigational use only.