

Short Tandem Repeat Analysis*

Samples Report:

DNA Samples from 4 hESC lines

Requestor: **Dr. Jamie Thompson Lab**

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UW Accession #s: Sample(s) Date: not indicated

073460419

073460423

073460425

073460429

Received Date: 12/05/07

Test Date: 12/05/07

File Name: 071206

Report Date: 12/10/07

Sample Names: (label on reference sheet and on tubes)

See table below

Description: DNA Extracted by Thompson Lab

All DNA Samples diluted to 10ng/_L (~ 50_L volume)

Locus	STR Genotype Repeat #	ES Foreskin Clone 1	ES Foreskin Clone 3	ES Foreskin Clone 4	ES IMR90 Clone 1
D16S539	5, 8-15	9,11	9,11	9,11	10,13
D7S820	6-14	12,12	12,12	12,12	9,12
D13S317	7-15	11,12	11,12	11,12	11,13
D5S818	7-15	11,12	11,12	11,12	12,13
CSF1PO	6-15	12,13	12,13	12,13	11,13
TPOX	6-13	10,11	10,11	10,11	8,9
Amelogenin	NA	X,Y	X,Y	X,Y	X,X
TH01	5-11	6,9.3	6,9.3	6,9.3	8,9.3
vWA	11, 13-21	17,18	17,18	17,18	16,19

Comments: Profiles at eight human STR loci were determined for each of the 4 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) and Jessica Antosiewicz-Bourget (jea@primate.wisc.edu) of Dr. Jamie Thompson's research laboratory on Wednesday, December 12, 2007.

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

 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.