



# Short Tandem Repeat

Requestor: Marianne James, Boston University

Samples Received: 25May23

STR Amplification Date: 31May23

Form SOP-89.01

Version 9.0

Sample Name	BU3 AG E690K_13 P52
WiCell CTR No. <sup>1</sup>	97328
FGA	20, 24
TPOX	11, 11
D8S1179	14, 14
vWA	16, 18
Amelogenin	X, Y
Penta_D	12, 12
CSF1PO	10, 11
D16S539	9, 13
D7S820	9, 11
D13S317	12, 12
D5S818	10, 11
Penta_E	12, 14
D18S51	15, 16
D21S11	29, 32
TH01	7, 9.3
D3S1358	14, 15
Allelic Polymorphisms	26
Matches*	See Matches Comment
Comments	

*\*Note: The STR profile of the following sample is a 100% match for the given sample/samples unless otherwise specified.*

<sup>1</sup> CTR No.: Characterization Test Request Number; also known as a laboratory accessioning number.



# Short Tandem Repeat

Requestor: Marianne James, Boston University  
Samples Received: 25May23  
STR Amplification Date: 31May23

Form SOP-89.01  
Version 9.0

**Assay Description:** STR analysis is performed using the PowerPlex 16 HS System by Promega™. Results are reported as 13 CODIS STR markers, Amelogenin for gender determination and two low-stutter, highly discriminating pentanucleotide STR markers.

**Results:** The genotypic profiles comprise a range of 26 allelic polymorphisms across the 15 STR loci analyzed.

**Interpretation:** The concentration of DNA required to achieve an acceptable STR genotype (signal/ noise) was equivalent to that required for the standard procedure (~1 ng/amplification reaction) from human genomic DNA. These results suggests that the cells submitted correspond to the cell lines as named and were not contaminated with any other human cells or a significant amount of mouse feeder layer cells.

**Sensitivity:** Sensitivity limits for detection of STR polymorphisms unique to either this or other human cell lines is ~2-4%.

**Matches:** Sample 97328 is a 100% match to 77673, 77674, 82830, 85081, 86268, 92643, 95033, 95034, 96367, 96370 and additional profiles. Additional matches can be provided upon request.

6/8/2023	6/8/2023	6/8/2023
<p><b>X</b> Amber Kuhn</p> <hr/> <p>Tech #1 Characterization Signed by: Kuhn, Amber</p>	<p><b>X</b> Anna Lisa Larson</p> <hr/> <p>Tech #2 Characterization Signed by: Larson, Anna Lisa</p>	<p><b>X</b> Dawn Graham</p> <hr/> <p>QA Review Quality Assurance Signed by: Graham, Dawn</p>

*Unless otherwise mutually agreed in writing, the services provided to you hereunder by WiCell Research Institute, Inc. ("WiCell") are governed solely by WiCell's Terms and Conditions of Service, found at [www.wicell.org/privacyandterms](http://www.wicell.org/privacyandterms). Any terms you may attach to a purchase order or other document that are inconsistent, add to, or conflict with WiCell's Terms and Conditions of Service are null and void and of no legal force or effect. Raw data is available upon request.*