

## **Short Tandem Repeat**

Form SOP-89.01 Version 11.0

Requestor: Rhiannon Darling, Boston University Samples Received: 09Nov23 STR Amplification Date: 15Nov23

Sample Name	PCD3-9 p8
WiCell CTR No. <sup>1</sup>	99544
FGA	19, 19
TPOX	8, 8
D8S1179	12, 14
vWA	16, 16
Amelogenin	X, X
Penta_D	9, 12
CSF1PO	10, 12
D16S539	11, 11
D7S820	10, 11
D13S317	12, 13
D5S818	9, 11
Penta_E	12, 14
D18S51	14, 22
D21S11	28, 30
TH01	6, 9
D3S1358	15, 18
Allelic Polymorphisms	26
Matches*	
Comments	

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

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



## **Short Tandem Repeat**

Form SOP-89.01 Version 11.0

Requestor: Rhiannon Darling, Boston University Samples Received: 09Nov23 STR Amplification Date: 15Nov23

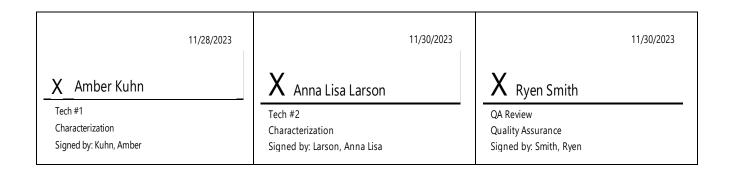
<u>Assay Description:</u> STR analysis is performed using the PowerPlex 16 HS System by Promega<sup>TM</sup>. Results are reported as 13 CODIS STR markers, Amelogenin for gender determination and two low-stutter, highly discriminating pentanucleotide STR markers.

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

<u>Interpretation:</u> 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.

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

<u>Amended Report Comment, Client Request:</u> This report has been updated to create individual reports for samples submitted on 09Nov23 at the request of the client on 28Nov23.



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. 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.