Requestor: David Broderick, Boston University
Samples Received: 29Jun22
STR Amplification Date: 07Jul22

Sample Name	ATTR5-2 P16
Label on tube	92644
FGA	19, 21
TPOX	8, 9
D8S1179	14, 15
vWA	15, 18
Amelogenin	X, Y
Penta_D	2.2, 11
CSF1PO	10, 10
D16S539	10, 13
D7S820	11, 12
D13S317	12, 12
D5S818	12, 13
Penta_E	15, 22
D18S51	15, 17
D21S11	29, 30
TH01	7, 8
D3S1358	15, 16
Allelic Polymorphisms	28
Matches*	89986
Comments	

*Note: The STR profile of the following sample is an exact match for the given sample/samples.
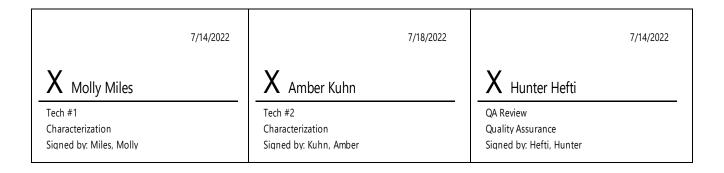
Short Tandem Repeat

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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 28 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 ~2-5%.

7/14/2022	7/18/2022	7/14/2022
X Molly Miles	X Amber Kuhn	X Hunter Hefti
Tech #1	Tech #2	QA Review
Characterization	Characterization	Quality Assurance
Signed by: Miles, Molly	Signed by: Kuhn, Amber	Signed by: Hefti, Hunter

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Raw data is available upon request.