Short Tandem Repeat

Requestor: Aine Russell, Boston University
Samples Received: 09Sep20
STR Amplification Date: 16Sep20

Sample Name	**bBU1C2**
Label on tube	82829
FGA	20, 24
TPOX	8, 8
D8S1179	12, 13
vWA	16, 17
Amelogenin	X, Y
Penta_D	13, 13
CSF1PO	10, 12
D16S539	11, 12
D7S820	8, 13
D13S317	8, 8
D5S818	11, 13
Penta_E	5, 14
D18S51	13, 13
D21S11	28, 32.2
TH01	7, 9.3
D3S1358	14, 17
Allelic Polymorphisms	26
Matches*	
Comments	

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

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ResultsThe 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 ~2-5%.

X
QA Review
Quality Assurance

X
Tech #1
Characterization

X
Tech #2
Characterization

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Raw data is available upon request.