



Short Tandem Repeat

Requestor: Marianne James,

Boston University

Samples Received: 19May21

STR Amplification Date: 24May21, 26May21

Form SOP-89.01

Version 4.0

Sample Name	BT2-1 p17
Label on tube	86269
FGA	21, 22
TPOX	10, 11
D8S1179	14, 15
vWA	15, 17
Amelogenin	X, Y
Penta_D	9, 16
CSF1PO	10, 10
D16S539	12, 13
D7S820	9, 10
D13S317	10, 12
D5S818	9, 11
Penta_E	11, 14
D18S51	15, 18
D21S11	29, 29
TH01	6, 8
D3S1358	17, 18
Allelic Polymorphisms	28
Matches*	
Comments	

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



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Results: The genotypic profiles comprise a range of 25-28 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 suggest 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%.

Microvariant: Samples 86267 and 86271 have microvariants at the D18S51 loci with a size between 12 bp and 13 bp.

Matches: Sample 86268 is an exact match to 77672, 77673, 77674, 82830, and 85081.

6/1/2021

6/1/2021

6/2/2021

X Hannah Rueth

X Callum Walker

X Dawn Graham

Tech # 1
Characterization
Signed by: Rueth, Hannah

Tech #2
Characterization
Signed by: Walker, Callum

QA Review
Quality Assurance
Signed by: Graham, Dawn

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Raw data is available upon request.