



Short Tandem Repeat

Requestor: Aine Russell, Boston University
Samples Received: 03Mar21
STR Amplification Date: 04Mar21

Form SOP-89.01
Version 3.0

Sample Name	BU3 NGST KRAS3 px+31
Label on tube	85081
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*	77672, 77673, 77674, 82830
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 26-28 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%.

X

Tech #1
Characterization

X

Tech #2
Characterization

X

QA Review
Quality Assurance

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Raw data is available upon request.