Short Tandem Repeat

Requestor: Trevor Koppy, Boston University
Report Date: 04Nov26

Sample Name	PiZZ2 Em-ZZ P44
WiCell CTR No.[1]	113213
FGA	22, 24
TPOX	8, 11
D8S1179	10, 12
vWA	15, 16
Amelogenin	X, Y
Penta_D	12, 13
CSF1PO	9, 12
D16S539	12, 12
D7S820	7, 12
D13S317	12, 13
D5S818	10, 11
Penta_E	11, 15
D18S51	14, 16
D21S11	28, 30
TH01	9, 9.3
D3S1358	15, 17
Allelic Polymorphisms	29
Matches[2]	80447
Comments	

[1] CTR No.: Characterization Test Request Number; also known as a laboratory accessioning number.
[2] The STR profile of the sample(s) listed are a 100% match for the given sample unless otherwise specified.

Assay Description: Short Tandem Repeat (STR) analysis is performed using the PowerPlex® 16 HS System by Promega™. Results are reported as 13 CODIS STR markers, Amelogenin for sex determination and two low-stutter, highly discriminating pentanucleotide STR markers.

Results: The genotypic profiles comprise a range of 29 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 ~2-4%.

11/4/2026 X Steph Dos Santos Tech #1 Characterization Signed by: Dos Santos, Stephany	11/5/2026 X Amber Kuhn Tech #2 Characterization Signed by: Kuhn, Amber	11/6/2026 X Dawn Graham QA Approval Quality Assurance Signed by: Graham, Dawn

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