



Cell Line Authentication Report

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Cell Line Authentication Report

Customer: PengWeiYan

Institution: The First Affiliated Hospital of Chongqing Medical University

Quotation Number: 80-65747945

Completion Date: 07/10/2017

1. Sample ID: MCF10A

2. Original Material: Cell pellets

3. Methods:

1). Genomic DNA was extracted from the cell pellets provided by the customer.

2). Samples, together with positive and negative control were amplified using GenePrint 10 System (Promega).

3). Amplified products were processed using the ABI3730xl Genetic Analyzer.

4). Data were analyzed using GeneMapper4.0 software and then compared with the ATCC, DSMZ or JCRB databases for reference matching.

4. Results:

1) 10 Loci STR Profile:

Genetic Site (Locus)	Customer sample	
Amelogenin	X	
CSF1PO	10	12
D13S317	8	9
D16S539	11	12
D5S818	10	13
D7S820	10	11
TH01	8	9.3
TPOX	9	11
vWA	15	17
D21S11	28	30

<<<If the Percent match is not 100%, search for reference matching with the ATCC, DSMZ or JCRB databases and add the match results.

Addendum: Comparative output from the ATCC STR Profile database

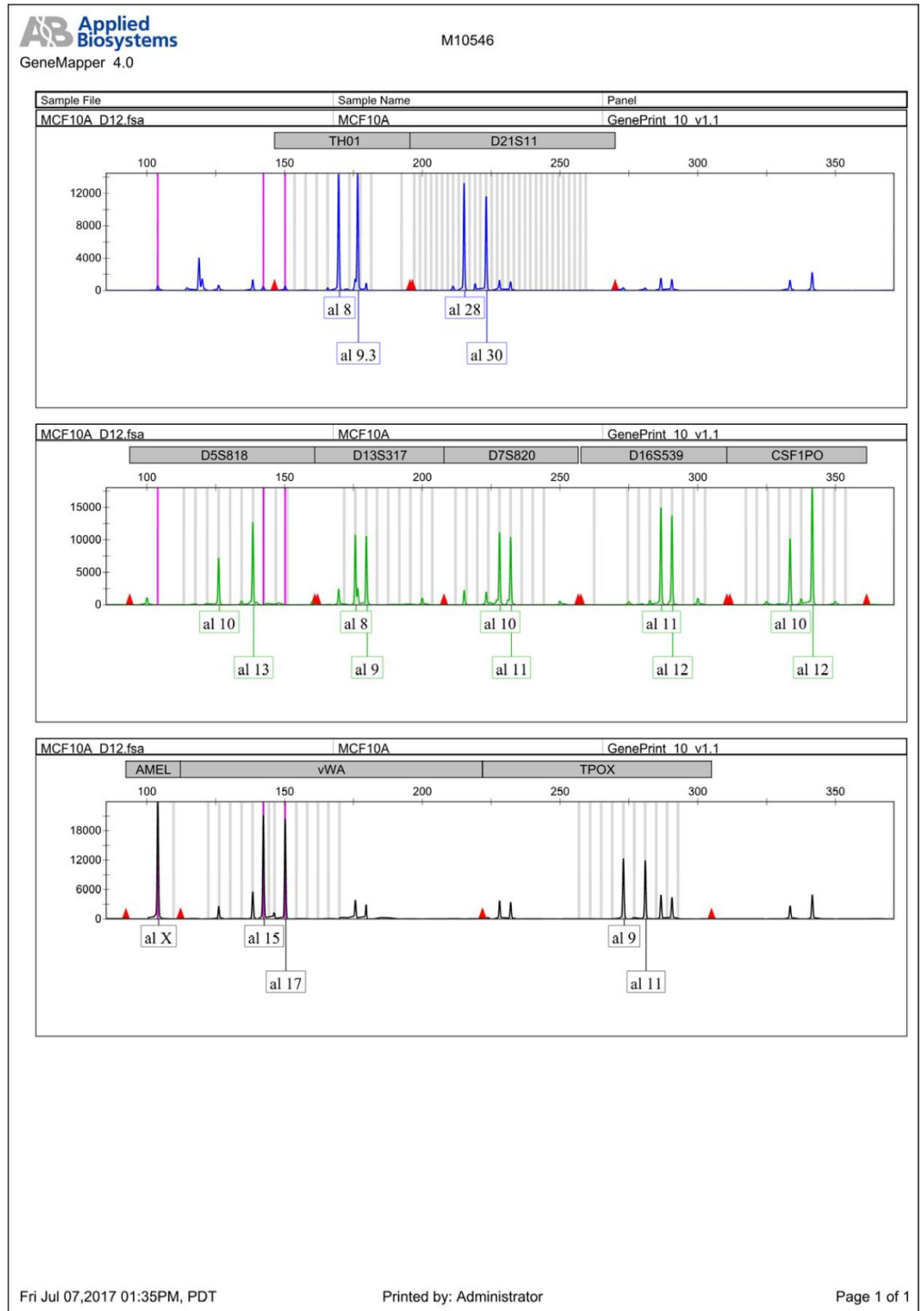
Result of STR matching analysis by your data.
- DSMZ Profile Database -

A graphical presentation is shown at the bottom of this page.

EV	Cell No.	Cell name	Locus names								Figures	
			D5S818	D13S317	D7S820	D16S539	VWA	TH01	AM	TPOX		CSF1PO
		<i>Query (Your Cell)</i>	<i>10, 13</i>	<i>8, 9</i>	<i>10, 11</i>	<i>11, 12</i>	<i>15, 17</i>	<i>8, 9, 3</i>	<i>X, X</i>	<i>9, 11</i>	<i>10, 12</i>	
1.00 (36/36)	CRL-10317	MCF 10A	10, 13	8, 9	10, 11	11, 12	15, 17	8, 9, 3	X, X	9, 11	10, 12	-
1.00 (36/36)	CRL-10318	MCF 10F	10, 13	8, 9	10, 11	11, 12	15, 17	8, 9, 3	X, X	9, 11	10, 12	-

>>>

2) Electrophoretogram



Note: Raw data in appendix